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OM nucleic - nucleic search, using sw model

Run on: November 15, 2004, 07:59:58 ; Search time 14 Seconds  
(without alignments)  
3.551 Million cell updates/sec

Title: US-09-964-666-1

Perfect score: 990  
Sequence: 1 CACGCTCGGCTTAATTGTA.....CTCAACTCTGACTGACG 990

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 0.5

Searched: 1195 segs, 25109 residues

Total number of hits satisfying chosen parameters: 2390

Minimum DB seq length: 10  
Maximum DB seq length: 70

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1212 summaries

Database : rnpbl.seq.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	57	5.8	57	1	US-10-198-069-30	Sequence 30, App1
2	57	5.8	57	1	US-10-198-069-31	Sequence 31, App1
3	56.4	5.7	66	1	US-09-764-887-575	Sequence 575, App
4	56.4	5.7	66	1	US-10-073-961-575	Sequence 575, App
5	54.4	5.5	66	1	US-10-457-839-35	Sequence 35, App1
6	53.6	5.4	60	1	US-10-457-839-26	Sequence 26, App1
7	51	5.2	60	1	US-10-198-069-29	Sequence 29, App1
8	50	5.1	61	1	US-10-241-151-2	Sequence 2, App1
9	50	5.1	61	1	US-10-733-116-2	Sequence 2, App1
10	48.6	4.9	56	1	US-10-457-839-34	Sequence 34, App1
11	47.4	4.8	49	1	US-10-457-839-25	Sequence 25, App1
12	45.8	4.6	51	1	US-09-922-225A-59	Sequence 59, App1
13	43.6	4.4	50	1	US-10-457-839-33	Sequence 33, App1
14	42.6	4.3	51	1	US-09-922-225A-20	Sequence 20, App1
15	42.4	4.3	44	1	US-10-457-839-24	Sequence 24, App1
16	42	4.2	42	1	US-10-198-069-32	Sequence 32, App1
17	42	4.2	42	1	US-10-198-069-33	Sequence 33, App1
18	42	4.2	42	1	US-10-198-069-34	Sequence 34, App1
19	42	4.2	50	1	US-10-131-827-7754	Sequence 7754, App
20	42	4.2	51	1	US-10-393-815-84	Sequence 84, App1
21	41.8	4.2	47	1	US-10-349-143-767	Sequence 3767, App
22	41.6	4.2	48	1	US-10-457-839-5	Sequence 5, App1
23	41.4	4.2	51	1	US-10-393-815-32	Sequence 32, App1
24	41	4.1	49	1	US-10-457-839-15	Sequence 15, App1
25	41	4.1	51	1	US-09-922-225A-61	Sequence 61, App1
26	40.4	4.1	42	1	US-10-457-839-3	Sequence 3, App1
27	40.4	4.1	50	1	US-10-131-827-7618	Sequence 7618, App
28	40.2	4.1	47	1	US-10-349-143-2999	Sequence 2999, App
29	39.6	4.0	41	1	US-10-035-833A-382	Sequence 382, App
30	39.6	4.0	41	1	US-10-035-833A-6413	Sequence 6413, App
31	39	3.9	39	1	US-10-198-069-46	Sequence 46, App1
32	39	3.9	39	1	US-10-198-069-47	Sequence 47, App1
33	39	3.9	41	1	US-10-035-833A-1310	Sequence 1310, App

34	39	3.9	41	1	US-10-035-833A-7567	Sequence 7567, App
35	38.8	3.9	47	1	US-10-349-143-2353	Sequence 2353, App
36	38	3.8	47	1	US-10-349-143-1321	Sequence 1321, App
37	37.8	3.8	42	1	US-10-457-839-1	Sequence 1, App1
38	35.8	3.6	41	1	US-10-035-833A-373	Sequence 373, App
39	35.8	3.6	41	1	US-10-035-833A-970	Sequence 970, App
40	35.8	3.6	41	1	US-10-035-833A-2293	Sequence 2293, App
41	35.8	3.6	41	1	US-10-035-833A-6019	Sequence 6019, App
42	35.8	3.6	41	1	US-10-035-833A-6523	Sequence 6523, App
43	35.8	3.6	41	1	US-10-035-833A-6915	Sequence 6915, App
44	35.4	3.6	41	1	US-10-035-833A-3699	Sequence 3699, App
45	35.4	3.6	41	1	US-10-035-833A-6495	Sequence 6495, App
46	34.8	3.5	41	1	US-10-035-833A-1335	Sequence 1335, App
47	34.8	3.5	41	1	US-10-035-833A-7543	Sequence 7543, App
48	34.6	3.5	41	1	US-10-453-827-60	Sequence 60, App1
49	34.6	3.5	41	1	US-10-453-827-62	Sequence 62, App1
50	34.6	3.5	41	1	US-10-453-827-207	Sequence 207, App
51	34.2	3.5	41	1	US-10-035-833A-344	Sequence 344, App
52	34.2	3.5	41	1	US-10-035-833A-742	Sequence 742, App
53	34.2	3.5	41	1	US-10-035-833A-6013	Sequence 6013, App
54	34.2	3.5	41	1	US-10-035-833A-346	Sequence 346, App
55	34.2	3.5	41	1	US-10-035-833A-6333	Sequence 6333, App
56	34.2	3.5	41	1	US-10-035-833A-6497	Sequence 6497, App
57	33.8	3.4	41	1	US-10-035-833A-6496	Sequence 6496, App
58	33.6	3.4	41	1	US-10-453-827-59	Sequence 59, App1
59	33	3.3	33	1	US-10-198-069-36	Sequence 36, App1
60	33	3.3	41	1	US-10-453-827-208	Sequence 208, App
61	33	3.3	41	1	US-10-453-827-209	Sequence 209, App
62	33	3.3	41	1	US-10-035-833A-764	Sequence 764, App
63	33	3.3	41	1	US-10-035-833A-6355	Sequence 6355, App
64	32.8	3.3	41	1	US-10-035-833A-2294	Sequence 2294, App
65	32.8	3.3	41	1	US-10-035-833A-3700	Sequence 3700, App
66	32	3.2	40	1	US-10-035-833A-5315	Sequence 5315, App
67	30.4	3.1	32	1	US-10-091-281-359	Sequence 359, App
68	30	3.0	30	1	US-09-964-666-9	Sequence 9, App1
69	30	3.0	30	1	US-09-964-666-11	Sequence 11, App1
70	30	3.0	30	1	US-09-964-412-9	Sequence 9, App1
71	30	3.0	30	1	US-09-964-412-11	Sequence 11, App1
72	30	3.0	30	1	US-09-964-667-9	Sequence 9, App1
73	30	3.0	30	1	US-09-964-667-11	Sequence 11, App1
74	30	3.0	30	1	US-09-964-678A-9	Sequence 9, App1
75	30	3.0	30	1	US-09-964-678A-11	Sequence 11, App1
76	30	3.0	30	1	US-10-091-281-140	Sequence 140, App
77	29.4	3.0	32	1	US-10-336-638-196	Sequence 196, App
78	29.4	3.0	32	1	US-10-336-638-503	Sequence 503, App
79	27.6	2.8	29	1	US-10-336-638-859	Sequence 859, App
80	27.2	2.7	33	1	US-10-091-281-317	Sequence 317, App
81	27.2	2.7	33	1	US-09-764-891-9495	Sequence 9495, App
82	27	2.7	29	1	US-10-091-414-338	Sequence 338, App
83	27	2.7	29	1	US-10-198-069-35	Sequence 35, App1
84	27	2.7	29	1	US-10-336-638-196	Sequence 196, App
85	27	2.7	29	1	US-10-336-638-503	Sequence 503, App
86	27	2.7	29	1	US-10-336-638-859	Sequence 859, App
87	27	2.7	29	1	US-10-336-638-705	Sequence 705, App
88	27	2.7	29	1	US-10-336-638-706	Sequence 706, App
89	26.8	2.7	32	1	US-09-764-887-551	Sequence 551, App
90	26.8	2.7	32	1	US-10-073-961-551	Sequence 551, App
91	26	2.6	26	1	US-09-964-666-10	Sequence 10, App1
92	26	2.6	26	1	US-09-964-667-10	Sequence 10, App1
93	26	2.6	26	1	US-09-964-678A-10	Sequence 10, App1
94	26	2.6	26	1	US-10-336-638-161	Sequence 161, App
95	26	2.6	29	1	US-10-336-638-193	Sequence 193, App
96	26	2.6	29	1	US-10-336-638-863	Sequence 863, App
97	26	2.6	29	1	US-10-336-638-89	Sequence 89, App1
98	25.8	2.6	30	1	US-10-085-906-89	Sequence 89, App1
99	25.8	2.6	32	1	US-10-092-885-89	Sequence 89, App1
100	25.4	2.6	29	1	US-10-336-638-184	Sequence 184, App
101	25.4	2.6	29	1	US-10-336-638-195	Sequence 195, App
102	25.4	2.6	29	1	US-10-336-638-217	Sequence 217, App
103	25.4	2.6	29	1	US-10-336-638-265	Sequence 265, App
104	25.4	2.6	29	1	US-10-336-638-699	Sequence 699, App
105	25.4	2.6	29	1	US-10-336-638-712	Sequence 712, App
106	25.4	2.6	29	1	US-10-336-638-845	Sequence 845, App

107	25.2	2.5	30	1	US-10-085-906-77	Sequence 77, Appl	180	20	2.0	20	1	US-10-002-623-900	Sequence 900, Appl
108	25	2.5	25	1	US-09-837-149-4	Sequence 4, Appl	181	20	2.0	20	1	US-10-289-845-13	Sequence 13, Appl
109	25	2.5	25	1	US-09-992-665-179	Sequence 179, Appl	182	20	2.0	20	1	US-10-331-907-78	Sequence 78, Appl
110	24.6	2.5	26	1	US-10-336-638-185	Sequence 185, Appl	183	20	2.0	20	1	US-10-430-196-25	Sequence 25, Appl
111	24.4	2.5	26	1	US-10-085-906-144	Sequence 144, Appl	184	20	2.0	20	1	US-10-005-344-242	Sequence 242, Appl
112	24.4	2.5	29	1	US-10-336-638-194	Sequence 194, Appl	185	20	2.0	20	1	US-10-005-344-266	Sequence 266, Appl
113	24.4	2.5	29	1	US-10-336-638-200	Sequence 200, Appl	186	20	2.0	20	1	US-10-005-344-267	Sequence 267, Appl
114	24.4	2.5	29	1	US-10-336-638-514	Sequence 514, Appl	187	20	2.0	20	1	US-10-181-875-62	Sequence 62, Appl
115	24.4	2.5	29	1	US-10-336-638-569	Sequence 569, Appl	188	20	2.0	20	1	US-10-189-267-87	Sequence 87, Appl
116	24.4	2.5	29	1	US-10-336-638-589	Sequence 589, Appl	189	20	2.0	20	1	US-10-189-267-88	Sequence 88, Appl
117	24.4	2.5	29	1	US-10-336-638-589	Sequence 707, Appl	190	20	2.0	20	1	US-10-189-267-222	Sequence 222, Appl
118	24.4	2.5	30	1	US-10-431-791-5	Sequence 791, Appl	191	20	2.0	20	1	US-10-189-267-223	Sequence 223, Appl
119	23.8	2.4	29	1	US-10-336-638-78	Sequence 78, Appl	192	20	2.0	20	1	US-10-210-723-78	Sequence 78, Appl
120	23.8	2.4	29	1	US-10-336-638-156	Sequence 156, Appl	193	20	2.0	20	1	US-10-210-723-136	Sequence 136, Appl
121	23.8	2.4	29	1	US-10-336-638-507	Sequence 507, Appl	194	20	2.0	20	1	US-10-264-9588-2	Sequence 2, Appl
122	23.8	2.4	29	1	US-10-336-638-686	Sequence 686, Appl	195	20	2.0	20	1	US-10-343-303-10	Sequence 10, Appl
123	23.8	2.4	29	1	US-10-336-638-702	Sequence 702, Appl	196	20	2.0	20	1	US-10-633-843-79	Sequence 79, Appl
124	23.8	2.4	29	1	US-10-336-638-860	Sequence 860, Appl	197	20	2.0	20	1	US-10-303-325-83	Sequence 83, Appl
125	23.8	2.4	29	1	US-10-336-638-862	Sequence 862, Appl	198	20	2.0	20	1	US-10-648-593-116	Sequence 516, Appl
126	23.8	2.4	29	1	US-09-888-056A-15	Sequence 15, Appl	199	20	2.0	20	1	US-10-303-325-149	Sequence 149, Appl
127	23.4	2.4	25	1	US-10-380-584-114	Sequence 114, Appl	200	20	2.0	20	1	US-10-671-395-581	Sequence 581, Appl
128	23.4	2.4	25	1	US-10-440-066-18	Sequence 18, Appl	201	20	2.0	20	1	US-10-671-395-669	Sequence 669, Appl
129	23.4	2.4	27	1	US-10-198-069-38	Sequence 38, Appl	202	20	2.0	20	1	US-10-671-395-933	Sequence 933, Appl
130	23.4	2.4	28	1	US-10-198-069-38	Sequence 18, Appl	203	20	2.0	20	1	US-10-671-395-1145	Sequence 1145, Appl
131	23.4	2.4	29	1	US-10-336-638-210	Sequence 210, Appl	204	20	2.0	20	1	US-10-671-395-1268	Sequence 1268, Appl
132	22.8	2.3	26	1	US-10-092-900A-464	Sequence 464, Appl	205	20	2.0	20	1	US-10-671-395-1347	Sequence 1347, Appl
133	22.4	2.3	24	1	US-09-964-666-6	Sequence 6, Appl	206	20	2.0	20	1	US-10-671-395-1455	Sequence 1455, Appl
134	22.4	2.3	24	1	US-09-964-667-6	Sequence 6, Appl	207	20	2.0	20	1	US-10-671-395-1496	Sequence 1496, Appl
135	22.4	2.3	24	1	US-09-964-667-6	Sequence 55, Appl	208	20	2.0	20	1	US-10-671-395-1740	Sequence 1740, Appl
136	22.4	2.3	24	1	US-09-964-678A-6	Sequence 6, Appl	209	20	2.0	20	1	US-10-786-720-13918	Sequence 13918, Appl
137	22.4	2.3	24	1	US-10-323-463-12	Sequence 12, Appl	210	20	2.0	20	1	US-10-786-720-13935	Sequence 13935, Appl
138	22.4	2.3	24	1	US-10-745-377-14	Sequence 14, Appl	211	20	2.0	20	1	US-10-786-720-14251	Sequence 14251, Appl
139	22.4	2.3	24	1	US-09-242-772-2	Sequence 2, Appl	212	20	2.0	20	1	US-10-786-720-20455	Sequence 20455, Appl
140	22.4	2.3	22	1	US-09-964-666-5	Sequence 5, Appl	213	20	2.0	20	1	US-09-774-423-86	Sequence 86, Appl
141	22.4	2.3	22	1	US-09-964-666-5	Sequence 5, Appl	214	20	2.0	20	1	US-10-255-434-6	Sequence 6, Appl
142	22.4	2.3	22	1	US-09-964-666-5	Sequence 5, Appl	215	20	2.0	20	1	US-10-255-434-11	Sequence 11, Appl
143	22.4	2.3	22	1	US-09-964-666-5	Sequence 5, Appl	216	20	2.0	20	1	US-10-255-434-18	Sequence 18, Appl
144	22.4	2.3	22	1	US-09-964-666-5	Sequence 5, Appl	217	20	2.0	20	1	US-10-255-434-23	Sequence 23, Appl
145	22.4	2.3	22	1	US-10-198-069-39	Sequence 39, Appl	218	20	2.0	20	1	US-10-255-434-25	Sequence 25, Appl
146	22.4	2.3	22	1	US-10-085-906-524	Sequence 524, Appl	219	20	2.0	20	1	US-10-165-099-264	Sequence 264, Appl
147	21.4	2.2	23	1	US-09-850-514-37	Sequence 37, Appl	220	20	2.0	20	1	US-10-091-281-241	Sequence 241, Appl
148	21.4	2.2	24	1	US-10-457-838-30	Sequence 30, Appl	221	20	2.0	20	1	US-10-126-103-235	Sequence 235, Appl
149	21.4	2.2	26	1	US-10-722-689A-18	Sequence 18, Appl	222	20	2.0	20	1	US-10-786-720-13252	Sequence 13252, Appl
150	21.2	2.1	26	1	US-10-786-720-13920	Sequence 13920, Appl	223	20	2.0	20	1	US-10-786-720-13923	Sequence 13923, Appl
151	21.2	2.1	21	1	US-10-786-720-13933	Sequence 13933, Appl	224	20	2.0	20	1	US-10-786-720-13919	Sequence 13919, Appl
152	21.2	2.1	21	1	US-10-786-720-20457	Sequence 20457, Appl	225	20	2.0	20	1	US-10-786-720-19978	Sequence 19978, Appl
153	21.2	2.1	23	1	US-10-435-696-244	Sequence 244, Appl	226	20	2.0	20	1	US-10-786-720-20214	Sequence 20214, Appl
154	21.2	2.1	23	1	US-10-010-802-365	Sequence 365, Appl	227	20	2.0	20	1	US-10-786-720-20362	Sequence 20362, Appl
155	21.2	2.1	24	1	US-10-196-095-3	Sequence 3, Appl	228	20	2.0	20	1	US-10-786-720-20374	Sequence 20374, Appl
156	20.8	2.1	24	1	US-10-196-095-3	Sequence 12, Appl	229	20	2.0	20	1	US-10-786-720-20456	Sequence 20456, Appl
157	20.8	2.1	24	1	US-10-196-095-3	Sequence 12, Appl	230	20	2.0	20	1	US-09-989-420-50	Sequence 50, Appl
158	20.8	2.1	24	1	US-10-196-095-3	Sequence 3, Appl	231	20	2.0	20	1	US-10-745-377-199	Sequence 199, Appl
159	20.8	2.1	24	1	US-10-196-095-3	Sequence 3, Appl	232	20	2.0	20	1	US-09-845-129-10	Sequence 12, Appl
160	20.8	2.1	24	1	US-10-196-095-3	Sequence 3, Appl	233	20	2.0	20	1	US-10-086-161-12	Sequence 12, Appl
161	20.8	2.1	24	1	US-10-196-095-3	Sequence 3, Appl	234	20	2.0	20	1	US-10-091-281-120	Sequence 120, Appl
162	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	235	20	2.0	20	1	US-10-676-154-13	Sequence 13, Appl
163	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	236	20	2.0	20	1	US-10-745-377-17	Sequence 17, Appl
164	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	237	20	2.0	20	1	US-10-802-061-10	Sequence 10, Appl
165	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	238	20	2.0	20	1	US-09-752-983-243	Sequence 243, Appl
166	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	239	20	2.0	20	1	US-09-752-983-250	Sequence 250, Appl
167	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	240	20	2.0	20	1	US-09-898-361-95	Sequence 95, Appl
168	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	241	20	2.0	20	1	US-09-898-361-95	Sequence 95, Appl
169	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	242	20	2.0	20	1	US-09-993-771-22	Sequence 22, Appl
170	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	243	20	2.0	20	1	US-10-181-177-94	Sequence 94, Appl
171	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	244	20	2.0	20	1	US-10-331-907-286	Sequence 286, Appl
172	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	245	20	2.0	20	1	US-10-005-344-243	Sequence 243, Appl
173	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	246	20	2.0	20	1		
174	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	247	20	2.0	20	1		
175	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	248	20	2.0	20	1		
176	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	249	20	2.0	20	1		
177	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	250	20	2.0	20	1		
178	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	251	20	2.0	20	1		
179	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, Appl	252	20	2.0	20	1		

C 253	19	1.9	20	1	US-10-005-344-250	Sequence 250, App	C 325	18.4	1.9	20	1	US-10-671-395-308	Sequence 308, App
C 254	19	1.9	20	1	US-10-671-395-695	Sequence 695, App	C 327	18.4	1.9	20	1	US-10-671-395-1350	Sequence 1350, App
C 255	19	1.9	20	1	US-10-671-395-1032	Sequence 1032, App	C 328	18.4	1.9	20	1	US-10-671-395-452	Sequence 452, App
C 256	19	1.9	20	1	US-10-671-395-1199	Sequence 1199, App	C 329	18.4	1.9	20	1	US-10-671-395-582	Sequence 582, App
C 257	19	1.9	20	1	US-10-671-395-1371	Sequence 1371, App	C 330	18.4	1.9	20	1	US-10-671-395-658	Sequence 658, App
C 258	19	1.9	20	1	US-10-671-395-1543	Sequence 1543, App	C 331	18.4	1.9	20	1	US-10-671-395-658	Sequence 658, App
C 259	19	1.9	20	1	US-10-671-395-1544	Sequence 1544, App	C 332	18.4	1.9	20	1	US-10-671-395-838	Sequence 838, App
C 260	19	1.9	21	1	US-10-786-720-13909	Sequence 13909, A	C 333	18.4	1.9	20	1	US-10-671-395-873	Sequence 873, App
C 261	19	1.9	21	1	US-10-786-720-13934	Sequence 13934, A	C 334	18.4	1.9	20	1	US-10-671-395-1225	Sequence 1225, App
C 262	19	1.9	21	1	US-10-786-720-14253	Sequence 14253, A	C 335	18.4	1.9	20	1	US-10-671-395-1282	Sequence 1282, App
C 263	19	1.9	21	1	US-10-786-720-20428	Sequence 20428, A	C 336	18.4	1.9	20	1	US-10-671-395-1324	Sequence 1324, App
C 264	19	1.9	21	1	US-10-786-720-20464	Sequence 20464, A	C 337	18.4	1.9	20	1	US-10-671-395-1370	Sequence 1370, App
C 265	18.8	1.9	22	1	US-09-918-686-90	Sequence 90, App1	C 338	18.4	1.9	20	1	US-10-671-395-1391	Sequence 1391, App
C 266	18.8	1.9	22	1	US-09-918-686-94	Sequence 94, App1	C 339	18.4	1.9	20	1	US-10-671-395-1391	Sequence 1391, App
C 267	18.8	1.9	22	1	US-10-353-150-90	Sequence 90, App1	C 340	18.4	1.9	20	1	US-10-671-395-1417	Sequence 1417, App
C 268	18.8	1.9	22	1	US-10-353-150-94	Sequence 94, App1	C 341	18.4	1.9	20	1	US-10-671-395-1432	Sequence 1432, App
C 269	18.8	1.9	22	1	US-10-452-510-274	Sequence 274, App	C 342	18.4	1.9	20	1	US-10-671-395-1438	Sequence 1438, App
C 270	18.8	1.9	22	1	US-10-374-077-11	Sequence 11, App1	C 343	18.4	1.9	20	1	US-10-671-395-1448	Sequence 1448, App
C 271	18.8	1.9	22	1	US-10-617-334-274	Sequence 274, App	C 344	18.4	1.9	20	1	US-10-671-395-1453	Sequence 1453, App
C 272	18.8	1.9	22	1	US-10-655-579-35	Sequence 35, App1	C 345	18.4	1.9	20	1	US-10-671-395-1507	Sequence 1507, App
C 273	18.8	1.9	22	1	US-10-744-465-274	Sequence 274, App	C 346	18.4	1.9	20	1	US-10-671-395-1524	Sequence 1524, App
C 274	18.8	1.9	23	1	US-10-833-679-274	Sequence 274, App	C 347	18.4	1.9	20	1	US-10-671-395-1550	Sequence 1550, App
C 275	18.8	1.9	23	1	US-09-771-355-8	Sequence 8, App1	C 348	18.4	1.9	20	1	US-10-671-395-1609	Sequence 1609, App
C 276	18.8	1.9	23	1	US-09-454-495-9	Sequence 9, App1	C 349	18.4	1.9	20	1	US-10-671-395-1629	Sequence 1629, App
C 277	18.4	1.9	20	1	US-09-752-983-246	Sequence 246, App	C 350	18.4	1.9	20	1	US-10-737-576-3	Sequence 3, App1
C 278	18.4	1.9	20	1	US-09-752-983-268	Sequence 268, App	C 351	18.4	1.9	20	1	US-10-745-377-63	Sequence 63, App1
C 279	18.4	1.9	20	1	US-09-834-700-9	Sequence 9, App1	C 352	18.4	1.9	20	1	US-10-772-542-84	Sequence 84, App1
C 280	18.4	1.9	20	1	US-09-800-631-24	Sequence 24, App1	C 353	18.4	1.9	20	1	US-10-476-021-44	Sequence 44, App1
C 281	18.4	1.9	20	1	US-09-600-631-33	Sequence 33, App1	C 354	18.4	1.9	20	1	US-10-484-669-87	Sequence 87, App1
C 282	18.4	1.9	20	1	US-09-556-279-3	Sequence 3, App1	C 355	18.4	1.9	21	1	US-10-786-720-13243	Sequence 13243, A
C 283	18.4	1.9	20	1	US-09-745-605-16	Sequence 16, App1	C 356	18.4	1.9	21	1	US-10-786-720-13254	Sequence 13254, A
C 284	18.4	1.9	20	1	US-09-263-959-1145	Sequence 1145, App	C 357	18.4	1.9	21	1	US-10-786-720-20212	Sequence 20212, A
C 285	18.4	1.9	20	1	US-09-898-556A-84	Sequence 84, App1	C 358	18.4	1.9	21	1	US-10-786-720-20221	Sequence 20221, A
C 286	18.4	1.9	20	1	US-09-908-147-94	Sequence 94, App1	C 359	18.4	1.9	21	1	US-10-786-720-20232	Sequence 20232, A
C 287	18.4	1.9	20	1	US-10-222-334-14	Sequence 14, App1	C 360	18.4	1.9	21	1	US-10-786-720-20264	Sequence 20264, A
C 288	18.4	1.9	20	1	US-10-270-861-27	Sequence 27, App1	C 361	18.4	1.9	21	1	US-10-786-720-20323	Sequence 20323, A
C 289	18.4	1.9	20	1	US-10-006-366-85	Sequence 85, App1	C 362	18.4	1.9	21	1	US-10-786-720-20365	Sequence 20365, A
C 290	18.4	1.9	20	1	US-10-293-783-24	Sequence 24, App1	C 363	18.4	1.9	21	1	US-10-786-720-20370	Sequence 20370, A
C 291	18.4	1.9	20	1	US-10-293-783-33	Sequence 33, App1	C 364	18.4	1.9	21	1	US-10-786-720-20371	Sequence 20371, A
C 292	18.4	1.9	20	1	US-10-376-566-83	Sequence 83, App1	C 365	18.4	1.9	21	1	US-10-786-720-20376	Sequence 20376, A
C 293	18.4	1.9	20	1	US-10-273-665-53	Sequence 53, App1	C 366	18.4	1.9	21	1	US-10-786-720-20377	Sequence 20377, A
C 294	18.4	1.9	20	1	US-10-273-321-53	Sequence 53, App1	C 367	18.4	1.9	21	1	US-10-786-720-20440	Sequence 20440, A
C 295	18.4	1.9	20	1	US-10-331-907-257	Sequence 257, App	C 368	18.4	1.9	21	1	US-10-786-720-20426	Sequence 20426, A
C 296	18.4	1.9	20	1	US-10-331-907-296	Sequence 296, App	C 369	18.4	1.9	21	1	US-10-786-720-20540	Sequence 20540, A
C 297	18.4	1.9	20	1	US-10-272-756-53	Sequence 53, App1	C 370	18.4	1.9	21	1	US-10-786-720-20628	Sequence 20628, A
C 298	18.4	1.9	20	1	US-10-005-344-246	Sequence 246, App	C 371	18.2	1.8	19	1	US-09-728-552-1	Sequence 1, App1
C 299	18.4	1.9	20	1	US-10-005-344-268	Sequence 268, App	C 372	18.2	1.8	19	1	US-10-463-981B-1	Sequence 7, App1
C 300	18.4	1.9	20	1	US-10-273-228-53	Sequence 53, App1	C 373	18	1.8	18	1	US-09-935-223-7	Sequence 9, App1
C 301	18.4	1.9	20	1	US-10-148-355A-68	Sequence 68, App1	C 374	18	1.8	18	1	US-09-935-223-9	Sequence 9, App1
C 302	18.4	1.9	20	1	US-10-148-355A-73	Sequence 73, App1	C 375	18	1.8	18	1	US-10-198-069-43	Sequence 43, App1
C 303	18.4	1.9	20	1	US-10-181-875-71	Sequence 71, App1	C 376	18	1.8	18	1	US-10-198-069-44	Sequence 44, App1
C 304	18.4	1.9	20	1	US-10-181-875-73	Sequence 73, App1	C 377	18	1.8	18	1	US-10-255-434-4	Sequence 4, App1
C 305	18.4	1.9	20	1	US-10-282-174-211	Sequence 211, App	C 378	18	1.8	18	1	US-10-255-434-16	Sequence 16, App1
C 306	18.4	1.9	20	1	US-10-388-263-672	Sequence 672, App	C 379	18	1.8	18	1	US-10-171-319-46	Sequence 46, App1
C 307	18.4	1.9	20	1	US-10-388-263-681	Sequence 681, App	C 380	18	1.8	18	1	US-09-881-012-160	Sequence 160, App
C 308	18.4	1.9	20	1	US-10-189-268-71	Sequence 71, App1	C 381	18	1.8	19	1	US-10-098-871-37	Sequence 37, App1
C 309	18.4	1.9	20	1	US-10-199-676-38	Sequence 38, App1	C 382	18	1.8	20	1	US-09-950-840-28	Sequence 28, App1
C 310	18.4	1.9	20	1	US-10-199-676-74	Sequence 74, App1	C 383	18	1.8	20	1	US-10-148-355A-64	Sequence 64, App1
C 311	18.4	1.9	20	1	US-10-212-993-82	Sequence 82, App1	C 384	18	1.8	20	1	US-10-172-911-80	Sequence 80, App1
C 312	18.4	1.9	20	1	US-10-212-993-131	Sequence 131, App	C 385	18	1.8	20	1	US-10-671-395-1573	Sequence 1573, App
C 313	18.4	1.9	20	1	US-10-728-509-94	Sequence 94, App1	C 386	18	1.8	21	1	US-10-786-720-13911	Sequence 13911, A
C 314	18.4	1.9	20	1	US-10-303-420-89	Sequence 89, App1	C 387	18	1.8	21	1	US-10-786-720-14252	Sequence 14252, A
C 315	18.4	1.9	20	1	US-10-316-516-64	Sequence 64, App1	C 388	18	1.8	21	1	US-10-786-720-20188	Sequence 20188, A
C 316	18.4	1.9	20	1	US-10-316-516-121	Sequence 121, App	C 389	18	1.8	21	1	US-10-786-720-20430	Sequence 20430, A
C 317	18.4	1.9	20	1	US-10-671-395-82	Sequence 82, App1	C 390	18	1.8	22	1	US-10-786-720-20466	Sequence 20466, A
C 318	18.4	1.9	20	1	US-10-671-395-84	Sequence 84, App1	C 391	18	1.8	22	1	US-09-918-686-93	Sequence 93, App1
C 319	18.4	1.9	20	1	US-10-671-395-112	Sequence 112, App	C 392	18	1.8	22	1	US-09-974-546-87	Sequence 87, App1
C 320	18.4	1.9	20	1	US-10-671-395-137	Sequence 137, App	C 393	17.8	1.8	22	1	US-10-353-150-93	Sequence 93, App1
C 321	18.4	1.9	20	1	US-10-671-395-231	Sequence 231, App	C 394	17.8	1.8	21	1	US-09-918-686-87	Sequence 87, App1
C 322	18.4	1.9	20	1	US-10-671-395-261	Sequence 261, App	C 395	17.8	1.8	21	1	US-09-959-569A-16	Sequence 16, App1
C 323	18.4	1.9	20	1	US-10-671-395-265	Sequence 265, App	C 396	17.8	1.8	21	1	US-09-964-059B-143	Sequence 143, App
C 324	18.4	1.9	20	1	US-10-671-395-269	Sequence 269, App	C 397	17.8	1.8	21	1	US-09-964-059B-144	Sequence 144, App
C 325	18.4	1.9	20	1	US-10-671-395-307	Sequence 307, App	C 398	17.8	1.8	21	1	US-09-964-059B-145	Sequence 145, App

399	17.8	1.8	21	1	US-10-033-495-40	Sequence 40, App1	472	17.4	1.8	20	1	US-10-388-263-680	Sequence 660, App
400	17.8	1.8	21	1	US-10-033-924-67	Sequence 67, App1	473	17.4	1.8	20	1	US-10-388-263-697	Sequence 697, App
401	17.8	1.8	21	1	US-10-085-906-401	Sequence 401, App	474	17.4	1.8	20	1	US-10-159-834-16	Sequence 16, App1
402	17.8	1.8	21	1	US-10-085-906-432	Sequence 432, App	475	17.4	1.8	20	1	US-10-159-834-92	Sequence 92, App1
403	17.8	1.8	21	1	US-10-085-906-474	Sequence 474, App	476	17.4	1.8	20	1	US-10-210-556-77	Sequence 77, App1
404	17.8	1.8	21	1	US-10-085-906-476	Sequence 476, App	477	17.4	1.8	20	1	US-10-210-556-195	Sequence 195, App
405	17.8	1.8	21	1	US-10-005-956-386	Sequence 386, App	478	17.4	1.8	20	1	US-10-728-509-150	Sequence 150, App
406	17.8	1.8	21	1	US-10-216-132-116	Sequence 116, App	479	17.4	1.8	20	1	US-10-633-843-82	Sequence 82, App1
407	17.8	1.8	21	1	US-10-255-434-7	Sequence 7, App1	480	17.4	1.8	20	1	US-10-303-325-77	Sequence 77, App1
408	17.8	1.8	21	1	US-10-255-434-19	Sequence 19, App1	481	17.4	1.8	20	1	US-10-303-325-81	Sequence 81, App1
409	17.8	1.8	21	1	US-10-353-150-87	Sequence 87, App1	482	17.4	1.8	20	1	US-10-303-325-145	Sequence 145, App
410	17.8	1.8	21	1	US-10-408-168-21	Sequence 21, App1	483	17.4	1.8	20	1	US-10-303-325-147	Sequence 147, App
411	17.8	1.8	21	1	US-10-136-728-129	Sequence 129, App	484	17.4	1.8	20	1	US-10-744-831-86	Sequence 86, App1
412	17.8	1.8	21	1	US-10-051-874-359	Sequence 259, App	485	17.4	1.8	20	1	US-10-671-395-118	Sequence 118, App
413	17.8	1.8	21	1	US-10-374-077-7	Sequence 7, App1	486	17.4	1.8	20	1	US-10-671-395-157	Sequence 157, App
414	17.8	1.8	21	1	US-10-287-226-367	Sequence 567, App	487	17.4	1.8	20	1	US-10-671-395-224	Sequence 224, App
415	17.8	1.8	21	1	US-10-786-720-13162	Sequence 13162, A	488	17.4	1.8	20	1	US-10-671-395-225	Sequence 225, App
416	17.8	1.8	21	1	US-10-786-720-13228	Sequence 13228, A	489	17.4	1.8	20	1	US-10-671-395-579	Sequence 579, App
417	17.8	1.8	21	1	US-10-786-720-13244	Sequence 13244, A	490	17.4	1.8	20	1	US-10-671-395-874	Sequence 874, App
418	17.8	1.8	21	1	US-10-786-720-14248	Sequence 14248, A	491	17.4	1.8	20	1	US-10-671-395-889	Sequence 889, App
419	17.8	1.8	21	1	US-10-786-720-15461	Sequence 15461, A	492	17.4	1.8	20	1	US-10-671-395-901	Sequence 901, App
420	17.8	1.8	21	1	US-10-786-720-15809	Sequence 15809, A	493	17.4	1.8	20	1	US-10-671-395-1148	Sequence 1148, App
421	17.8	1.8	21	1	US-10-786-720-16139	Sequence 16139, A	494	17.4	1.8	20	1	US-10-671-395-1267	Sequence 1267, App
422	17.8	1.8	21	1	US-10-786-720-16493	Sequence 16493, A	495	17.4	1.8	20	1	US-10-671-395-1511	Sequence 1511, App
423	17.8	1.8	21	1	US-10-786-720-19979	Sequence 19979, A	496	17.4	1.8	20	1	US-10-671-395-1526	Sequence 1526, App
424	17.8	1.8	21	1	US-10-786-720-20179	Sequence 20179, A	497	17.4	1.8	20	1	US-10-671-395-1614	Sequence 1614, App
425	17.8	1.8	21	1	US-10-786-720-20182	Sequence 20182, A	498	17.4	1.8	20	1	US-10-013-329-5	Sequence 5, App1
426	17.8	1.8	21	1	US-10-786-720-20185	Sequence 20185, A	499	17.4	1.8	21	1	US-10-005-956-801	Sequence 801, App
427	17.8	1.8	21	1	US-10-786-720-20209	Sequence 20209, A	500	17.4	1.8	21	1	US-10-005-956-802	Sequence 802, App
428	17.8	1.8	21	1	US-10-786-720-20218	Sequence 20218, A	501	17.4	1.8	21	1	US-10-005-956-1034	Sequence 1034, App
429	17.8	1.8	21	1	US-10-786-720-20219	Sequence 20219, A	502	17.4	1.8	21	1	US-10-005-956-1035	Sequence 1035, App
430	17.8	1.8	21	1	US-10-786-720-20359	Sequence 20359, A	503	17.4	1.8	21	1	US-10-786-720-13245	Sequence 13245, App
431	17.8	1.8	21	1	US-10-786-720-20375	Sequence 20375, A	504	17.4	1.8	21	1	US-10-786-720-20114	Sequence 20174, A
432	17.8	1.8	21	1	US-10-786-720-20393	Sequence 20393, A	505	17.4	1.8	21	1	US-10-786-720-20175	Sequence 20175, A
433	17.8	1.8	21	1	US-10-786-720-20393	Sequence 20393, A	506	17.4	1.8	21	1	US-10-786-720-20176	Sequence 20176, A
434	17.8	1.8	21	1	US-10-786-720-20590	Sequence 20590, A	507	17.4	1.8	21	1	US-10-786-720-20177	Sequence 20177, A
435	17.8	1.8	22	1	US-09-225-201-25	Sequence 25, App1	508	17.4	1.8	21	1	US-10-786-720-20178	Sequence 20178, A
436	17.8	1.8	22	1	US-09-834-795A-10	Sequence 10, App1	509	17.4	1.8	21	1	US-10-786-720-20220	Sequence 20220, A
437	17.8	1.8	22	1	US-09-918-686-88	Sequence 88, App1	510	17.4	1.8	21	1	US-10-786-720-20223	Sequence 20223, A
438	17.8	1.8	22	1	US-09-834-794A-10	Sequence 10, App1	511	17.4	1.8	21	1	US-10-786-720-20231	Sequence 20231, A
439	17.8	1.8	22	1	US-09-834-794A-14	Sequence 14, App1	512	17.4	1.8	21	1	US-10-786-720-20263	Sequence 20263, A
440	17.8	1.8	22	1	US-10-353-150-88	Sequence 88, App1	513	17.4	1.8	21	1	US-10-786-720-20367	Sequence 20367, A
441	17.8	1.8	22	1	US-10-436-523-23	Sequence 23, App1	514	17.4	1.8	21	1	US-10-786-720-20369	Sequence 20369, A
442	17.8	1.8	22	1	US-09-988-625-100	Sequence 100, App	515	17.4	1.8	21	1	US-10-786-720-20373	Sequence 20373, A
443	17.4	1.8	19	1	US-09-988-625-100	Sequence 100, App	516	17.4	1.8	21	1	US-10-786-720-20379	Sequence 20379, A
444	17.4	1.8	19	1	US-09-988-687-100	Sequence 100, App	517	17.4	1.8	21	1	US-10-786-720-20442	Sequence 20442, A
445	17.4	1.8	19	1	US-09-988-686-100	Sequence 100, App	518	17.4	1.8	21	1	US-10-786-720-20591	Sequence 20591, A
446	17.4	1.8	19	1	US-10-086-181-10	Sequence 10, App1	519	17.4	1.8	21	1	US-10-786-720-20592	Sequence 20592, A
447	17.4	1.8	19	1	US-10-204-254A-57	Sequence 57, App1	520	17.4	1.8	21	1	US-10-786-720-20627	Sequence 20627, A
448	17.4	1.8	19	1	US-10-051-874-258	Sequence 258, App	521	17.4	1.8	21	1	US-10-463-981B-2	Sequence 2, App1
449	17.4	1.8	19	1	US-10-455-552-62	Sequence 62, App1	522	17.2	1.7	18	1	US-09-242-772-1	Sequence 1, App1
450	17.4	1.8	19	1	US-10-455-552-66	Sequence 66, App1	523	17	1.7	17	1	US-10-156-306-537	Sequence 537, App
451	17.4	1.8	19	1	US-10-731-733-222	Sequence 222, App	524	17	1.7	17	1	US-10-156-306-567	Sequence 567, App
452	17.4	1.8	20	1	US-09-752-983-249	Sequence 249, App	525	17	1.7	17	1	US-10-156-306-568	Sequence 568, App
453	17.4	1.8	20	1	US-09-752-983-256	Sequence 256, App	526	17	1.7	17	1	US-10-156-306-574	Sequence 574, App
454	17.4	1.8	20	1	US-09-752-983-257	Sequence 257, App	527	17	1.7	17	1	US-10-156-306-1700	Sequence 1700, App
455	17.4	1.8	20	1	US-09-993-731-23	Sequence 23, App1	528	17	1.7	17	1	US-10-156-306-1701	Sequence 1701, App
456	17.4	1.8	20	1	US-09-908-147-150	Sequence 150, App1	529	17	1.7	17	1	US-10-156-306-1712	Sequence 1712, App
457	17.4	1.8	20	1	US-10-010-002-86	Sequence 86, App1	530	17	1.7	17	1	US-10-156-306-1713	Sequence 1713, App
458	17.4	1.8	20	1	US-10-293-783-32	Sequence 32, App1	531	17	1.7	17	1	US-10-156-306-1714	Sequence 1714, App
459	17.4	1.8	20	1	US-10-293-783-49	Sequence 49, App1	532	17	1.7	17	1	US-10-156-306-1715	Sequence 1715, App
460	17.4	1.8	20	1	US-10-313-733-13	Sequence 13, App1	533	17	1.7	17	1	US-10-156-306-1716	Sequence 1716, App
461	17.4	1.8	20	1	US-10-098-871-39	Sequence 39, App1	534	17	1.7	17	1	US-10-156-306-1717	Sequence 1717, App
462	17.4	1.8	20	1	US-10-005-344-249	Sequence 249, App	535	17	1.7	17	1	US-10-156-306-2415	Sequence 2415, App
463	17.4	1.8	20	1	US-10-005-344-256	Sequence 256, App	536	17	1.7	17	1	US-10-156-306-2416	Sequence 2416, App
464	17.4	1.8	20	1	US-10-005-344-257	Sequence 257, App	537	17	1.7	17	1	US-10-156-306-2417	Sequence 2417, App
465	17.4	1.8	20	1	US-10-148-355A-65	Sequence 65, App1	538	17	1.7	17	1	US-10-156-306-2887	Sequence 2887, App
466	17.4	1.8	20	1			539	17	1.7	17	1		
467	17.4	1.8	20	1			540	17	1.7	17	1		
468	17.4	1.8	20	1			541	17	1.7	17	1		
469	17.4	1.8	20	1			542	17	1.7	17	1		
470	17.4	1.8	20	1			543	17	1.7	17	1		
471	17.4	1.8	20	1			544	17	1.7	17	1		



545	17	1.7	1	US-10-156-306-3777	Sequence 3777, App	C 618	16.8	1.7	20	1	US-10-313-739-15	Sequence 15, App1
546	17	1.7	1	US-10-156-306-3778	Sequence 3778, App	C 619	16.8	1.7	20	1	US-10-233-023A-51	Sequence 51, App1
547	17	1.7	1	US-10-156-306-3784	Sequence 3784, App	C 620	16.8	1.7	20	1	US-10-376-566-36	Sequence 36, App1
548	17	1.7	1	US-10-156-306-3795	Sequence 3795, App	C 621	16.8	1.7	20	1	US-10-331-907-302	Sequence 302, App
549	17	1.7	1	US-10-156-306-3796	Sequence 3796, App	C 622	16.8	1.7	20	1	US-10-005-344-251	Sequence 251, App
550	17	1.7	1	US-10-156-306-3797	Sequence 3797, App	C 623	16.8	1.7	20	1	US-10-005-344-258	Sequence 258, App
551	17	1.7	1	US-10-156-306-3798	Sequence 3798, App	C 624	16.8	1.7	20	1	US-10-005-344-262	Sequence 262, App
552	17	1.7	1	US-10-255-434-10	Sequence 10, App1	C 625	16.8	1.7	20	1	US-10-005-344-265	Sequence 265, App
553	17	1.7	1	US-10-255-434-12	Sequence 12, App1	C 626	16.8	1.7	20	1	US-10-446-377-98	Sequence 98, App1
554	17	1.7	1	US-10-255-434-22	Sequence 22, App1	C 627	16.8	1.7	20	1	US-10-181-316-233	Sequence 233, App1
555	17	1.7	1	US-10-255-434-24	Sequence 24, App1	C 628	16.8	1.7	20	1	US-10-160-807-122	Sequence 122, App1
556	17	1.7	1	US-10-238-700-696	Sequence 696, App	C 629	16.8	1.7	20	1	US-10-160-807-175	Sequence 175, App
557	17	1.7	1	US-10-338-700-699	Sequence 699, App	C 630	16.8	1.7	20	1	US-10-388-263-700	Sequence 700, App
558	17	1.7	1	US-10-339-782-309	Sequence 309, App	C 631	16.8	1.7	20	1	US-10-174-460-77	Sequence 77, App1
559	17	1.7	1	US-10-339-782-309	Sequence 354, App	C 632	16.8	1.7	20	1	US-10-175-492-88	Sequence 88, App1
560	17	1.7	1	US-10-091-281-354	Sequence 3, App1	C 633	16.8	1.7	20	1	US-10-175-492-88	Sequence 162, App
561	17	1.7	19	US-10-636-065-98	Sequence 98, App1	C 634	16.8	1.7	20	1	US-10-187-659A-13	Sequence 13, App1
562	17	1.7	20	US-09-752-983-241	Sequence 241, App	C 635	16.8	1.7	20	1	US-10-277-216-208	Sequence 208, App
563	17	1.7	20	US-09-949-427-209	Sequence 209, App	C 636	16.8	1.7	20	1	US-10-199-676-37	Sequence 37, App1
564	17	1.7	20	US-09-949-428-209	Sequence 209, App	C 637	16.8	1.7	20	1	US-10-199-676-73	Sequence 73, App1
565	17	1.7	20	US-09-943-377-88	Sequence 88, App1	C 638	16.8	1.7	20	1	US-10-126-022-208	Sequence 208, App
566	17	1.7	20	US-10-085-906-323	Sequence 323, App	C 639	16.8	1.7	20	1	US-10-655-847-22	Sequence 22, App1
567	17	1.7	20	US-10-005-344-241	Sequence 241, App	C 640	16.8	1.7	20	1	US-10-655-847-175	Sequence 175, App
568	17	1.7	20	US-10-159-834-73	Sequence 73, App1	C 641	16.8	1.7	20	1	US-10-728-509-97	Sequence 97, App1
569	17	1.7	20	US-10-159-834-126	Sequence 126, App	C 642	16.8	1.7	20	1	US-10-627-757-19	Sequence 19, App1
570	17	1.7	20	US-10-671-395-146	Sequence 146, App	C 643	16.8	1.7	20	1	US-10-303-325-82	Sequence 82, App1
571	17	1.7	21	US-09-998-425-61	Sequence 61, App1	C 644	16.8	1.7	20	1	US-10-467-126-83	Sequence 83, App1
572	17	1.7	21	US-09-997-977-61	Sequence 61, App1	C 645	16.8	1.7	20	1	US-10-671-395-38	Sequence 38, App1
573	17	1.7	21	US-09-998-966-47	Sequence 47, App1	C 646	16.8	1.7	20	1	US-10-671-395-41	Sequence 41, App1
574	17	1.7	21	US-10-004-415-47	Sequence 47, App1	C 647	16.8	1.7	20	1	US-10-671-395-86	Sequence 86, App1
575	17	1.7	21	US-10-384-974-46	Sequence 46, App1	C 648	16.8	1.7	20	1	US-10-671-395-109	Sequence 109, App
576	17	1.7	21	US-10-786-720-13910	Sequence 13910, A	C 649	16.8	1.7	20	1	US-10-671-395-212	Sequence 212, App
577	17	1.7	21	US-10-786-720-13915	Sequence 13915, A	C 650	16.8	1.7	20	1	US-10-671-395-239	Sequence 239, App
578	17	1.7	21	US-10-786-720-13916	Sequence 13916, A	C 651	16.8	1.7	20	1	US-10-671-395-298	Sequence 298, App
579	17	1.7	21	US-10-786-720-13917	Sequence 13917, A	C 652	16.8	1.7	20	1	US-10-671-395-333	Sequence 333, App
580	17	1.7	21	US-10-786-720-20190	Sequence 20190, A	C 653	16.8	1.7	20	1	US-10-671-395-456	Sequence 456, App
581	17	1.7	21	US-10-786-720-20236	Sequence 20236, A	C 654	16.8	1.7	20	1	US-10-671-395-456	Sequence 456, App
582	17	1.7	21	US-10-786-720-20237	Sequence 20237, A	C 655	16.8	1.7	20	1	US-10-671-395-515	Sequence 515, App
583	17	1.7	21	US-10-786-720-20238	Sequence 20238, A	C 656	16.8	1.7	20	1	US-10-671-395-529	Sequence 529, App
584	17	1.7	21	US-10-786-720-20429	Sequence 20429, A	C 657	16.8	1.7	20	1	US-10-671-395-558	Sequence 558, App
585	17	1.7	21	US-10-786-720-20465	Sequence 20465, A	C 658	16.8	1.7	20	1	US-10-671-395-597	Sequence 597, App
586	17	1.7	21	US-09-752-983-251	Sequence 251, App	C 659	16.8	1.7	20	1	US-10-671-395-645	Sequence 645, App
587	16.8	1.7	20	US-09-752-983-258	Sequence 258, App	C 660	16.8	1.7	20	1	US-10-671-395-656	Sequence 656, App
588	16.8	1.7	20	US-09-752-983-262	Sequence 262, App	C 661	16.8	1.7	20	1	US-10-671-395-657	Sequence 657, App
589	16.8	1.7	20	US-09-752-983-265	Sequence 265, App	C 662	16.8	1.7	20	1	US-10-671-395-668	Sequence 668, App
590	16.8	1.7	20	US-09-907-190-5	Sequence 5, App1	C 663	16.8	1.7	20	1	US-10-671-395-688	Sequence 688, App
591	16.8	1.7	20	US-09-916-369A-3	Sequence 3, App1	C 664	16.8	1.7	20	1	US-10-671-395-753	Sequence 753, App
592	16.8	1.7	20	US-09-911-935A-16	Sequence 16, App1	C 665	16.8	1.7	20	1	US-10-671-395-783	Sequence 783, App
593	16.8	1.7	20	US-09-800-631-52	Sequence 52, App	C 666	16.8	1.7	20	1	US-10-671-395-828	Sequence 828, App
594	16.8	1.7	20	US-09-918-186A-233	Sequence 233, App	C 667	16.8	1.7	20	1	US-10-671-395-847	Sequence 847, App
595	16.8	1.7	20	US-09-961-925-51	Sequence 51, App1	C 668	16.8	1.7	20	1	US-10-671-395-849	Sequence 849, App
596	16.8	1.7	20	US-09-920-671-81	Sequence 81, App1	C 669	16.8	1.7	20	1	US-10-671-395-861	Sequence 861, App
597	16.8	1.7	20	US-09-920-671-82	Sequence 82, App1	C 670	16.8	1.7	20	1	US-10-671-395-862	Sequence 862, App
598	16.8	1.7	20	US-09-898-556A-85	Sequence 85, App1	C 671	16.8	1.7	20	1	US-10-671-395-882	Sequence 882, App
599	16.8	1.7	20	US-09-898-556A-87	Sequence 87, App1	C 672	16.8	1.7	20	1	US-10-671-395-882	Sequence 882, App
600	16.8	1.7	20	US-09-953-611-84	Sequence 84, App1	C 673	16.8	1.7	20	1	US-10-671-395-963	Sequence 963, App
601	16.8	1.7	20	US-09-953-611-98	Sequence 98, App1	C 674	16.8	1.7	20	1	US-10-671-395-986	Sequence 986, App
602	16.8	1.7	20	US-09-953-611-98	Sequence 98, App1	C 675	16.8	1.7	20	1	US-10-671-395-987	Sequence 987, App
603	16.8	1.7	20	US-09-908-147-96	Sequence 96, App1	C 676	16.8	1.7	20	1	US-10-671-395-1001	Sequence 1001, App
604	16.8	1.7	20	US-09-908-147-97	Sequence 97, App1	C 677	16.8	1.7	20	1	US-10-671-395-1016	Sequence 1016, App
605	16.8	1.7	20	US-09-964-059B-94	Sequence 94, App1	C 678	16.8	1.7	20	1	US-10-671-395-1224	Sequence 1224, App
606	16.8	1.7	20	US-09-964-059B-95	Sequence 95, App1	C 679	16.8	1.7	20	1	US-10-671-395-1309	Sequence 1309, App
607	16.8	1.7	20	US-09-964-059B-96	Sequence 96, App1	C 680	16.8	1.7	20	1	US-10-671-395-1334	Sequence 1334, App
608	16.8	1.7	20	US-09-964-059B-104	Sequence 104, App	C 681	16.8	1.7	20	1	US-10-671-395-1433	Sequence 1433, App
609	16.8	1.7	20	US-09-964-059B-105	Sequence 105, App	C 682	16.8	1.7	20	1		
610	16.8	1.7	20	US-09-964-059B-106	Sequence 106, App	C 683	16.8	1.7	20	1		
611	16.8	1.7	20	US-10-025-201-13	Sequence 13, App1	C 684	16.8	1.7	20	1		
612	16.8	1.7	20	US-10-085-906-352	Sequence 352, App1	C 685	16.8	1.7	20	1		
613	16.8	1.7	20	US-10-007-078-81	Sequence 81, App1	C 686	16.8	1.7	20	1		
614	16.8	1.7	20	US-10-007-078-84	Sequence 84, App1	C 687	16.8	1.7	20	1		
615	16.8	1.7	20	US-10-314-405-3	Sequence 3, App1	C 688	16.8	1.7	20	1		
616	16.8	1.7	20	US-10-293-783-52	Sequence 52, App1	C 689	16.8	1.7	20	1		
617	16.8	1.7	20	US-10-002-623-921	Sequence 921, App	C 690	16.8	1.7	20	1		

C 691	16.8	1.7	20	1	US-10-671-395-1512	Sequence 1512, Ap	764	16	1.6	16	1	1	US-09-739-909-5	Sequence 5, Appl
C 692	16.8	1.7	20	1	US-10-671-395-1549	Sequence 1549, Ap	765	16	1.6	16	1	1	US-09-739-909-6	Sequence 6, Appl
C 693	16.8	1.7	20	1	US-10-671-395-1567	Sequence 1567, Ap	766	16	1.6	16	1	1	US-09-739-909-8	Sequence 8, Appl
C 694	16.8	1.7	20	1	US-10-671-395-1568	Sequence 1568, Ap	C 767	16	1.6	16	1	1	US-09-739-909-11	Sequence 11, Appl
C 695	16.8	1.7	20	1	US-10-671-395-1530	Sequence 1530, Ap	C 768	16	1.6	16	1	1	US-10-092-885-40	Sequence 40, Appl
C 696	16.8	1.7	20	1	US-10-671-395-1713	Sequence 1713, Ap	C 769	16	1.6	16	1	1	US-10-092-885-42	Sequence 42, Appl
C 697	16.8	1.7	20	1	US-10-671-395-1751	Sequence 1751, Ap	C 770	16	1.6	16	1	1	US-10-092-885-43	Sequence 43, Appl
C 698	16.8	1.7	20	1	US-10-745-377-66	Sequence 66, Appl	C 771	16	1.6	16	1	1	US-10-092-885-46	Sequence 46, Appl
C 699	16.8	1.7	20	1	US-10-664-639A-77	Sequence 77, Appl	C 772	16	1.6	16	1	1	US-10-092-885-48	Sequence 48, Appl
C 700	16.8	1.7	20	1	US-10-681-199-39	Sequence 39, Appl	C 773	16	1.6	16	1	1	US-09-898-779-91	Sequence 91, Appl
C 701	16.8	1.7	20	1	US-10-772-542-85	Sequence 85, Appl	C 774	16	1.6	16	1	1	US-10-156-306-547	Sequence 547, App
C 702	16.8	1.7	20	1	US-10-772-542-87	Sequence 87, Appl	C 775	16	1.6	16	1	1	US-10-156-306-573	Sequence 573, App
C 703	16.8	1.7	21	1	US-09-770-107-86	Sequence 86, Appl	C 776	16	1.6	16	1	1	US-10-156-306-1654	Sequence 1654, Ap
C 704	16.8	1.7	21	1	US-09-967-323-2	Sequence 2, Appl	C 777	16	1.6	16	1	1	US-10-156-306-1659	Sequence 1659, Ap
C 705	16.8	1.7	21	1	US-09-532-708-2	Sequence 2, Appl	C 778	16	1.6	16	1	1	US-10-156-306-1660	Sequence 1660, Ap
C 706	16.8	1.7	21	1	US-10-085-906-376	Sequence 376, App	C 779	16	1.6	16	1	1	US-10-156-306-1672	Sequence 1672, Ap
C 707	16.8	1.7	21	1	US-10-005-956-737	Sequence 737, App	C 780	16	1.6	16	1	1	US-10-156-306-1677	Sequence 1677, Ap
C 708	16.8	1.7	21	1	US-10-005-956-738	Sequence 738, App	C 781	16	1.6	16	1	1	US-10-156-306-1702	Sequence 1702, Ap
C 709	16.8	1.7	21	1	US-10-005-956-982	Sequence 982, App	C 782	16	1.6	16	1	1	US-10-156-306-2391	Sequence 2391, Ap
C 710	16.8	1.7	21	1	US-10-005-956-983	Sequence 983, App	C 783	16	1.6	16	1	1	US-10-156-306-2401	Sequence 2401, Ap
C 711	16.8	1.7	21	1	US-10-165-099-338	Sequence 338, App	C 784	16	1.6	16	1	1	US-10-156-306-2412	Sequence 2412, Ap
C 712	16.8	1.7	21	1	US-10-349-143-6639	Sequence 6639, Ap	C 785	16	1.6	16	1	1	US-10-156-306-2890	Sequence 2890, Ap
C 713	16.8	1.7	21	1	US-10-410-031-189	Sequence 189, App	C 786	16	1.6	16	1	1	US-10-228-700-717	Sequence 717, App
C 714	16.8	1.7	21	1	US-10-627-253A-89	Sequence 89, Appl	C 787	16	1.6	16	1	1	US-10-339-793-110	Sequence 110, App
C 715	16.8	1.7	21	1	US-10-627-253A-90	Sequence 90, Appl	C 788	16	1.6	16	1	1	US-10-251-598-86	Sequence 86, Appl
C 716	16.8	1.7	21	1	US-10-786-720-13164	Sequence 13164, A	C 789	16	1.6	16	1	1	US-10-400-382-164	Sequence 164, App
C 717	16.8	1.7	21	1	US-10-786-720-13230	Sequence 13230, A	C 790	16	1.6	16	1	1	US-09-918-186A-234	Sequence 234, App
C 718	16.8	1.7	21	1	US-10-786-720-13251	Sequence 13251, A	C 791	16	1.6	16	1	1	US-09-877-843-95	Sequence 95, Appl
C 719	16.8	1.7	21	1	US-10-786-720-14250	Sequence 14250, A	C 792	16	1.6	16	1	1	US-10-181-174B-51	Sequence 51, Appl
C 720	16.8	1.7	21	1	US-10-786-720-15367	Sequence 15367, A	C 793	16	1.6	16	1	1	US-10-181-174B-51	Sequence 51, Appl
C 721	16.8	1.7	21	1	US-10-786-720-15368	Sequence 15368, A	C 794	16	1.6	16	1	1	US-10-035-833A-2293	Sequence 2293, Ap
C 722	16.8	1.7	21	1	US-10-786-720-15733	Sequence 15733, A	C 795	15.8	1.6	16	1	1	US-09-917-138-1	Sequence 1, Appl
C 723	16.8	1.7	21	1	US-10-786-720-15735	Sequence 15735, A	C 796	15.8	1.6	16	1	1	US-09-918-686-92	Sequence 92, Appl
C 724	16.8	1.7	21	1	US-10-786-720-15735	Sequence 15735, A	C 797	15.8	1.6	16	1	1	US-09-901-484A-515	Sequence 515, App
C 725	16.8	1.7	21	1	US-10-786-720-16054	Sequence 16054, A	C 798	15.8	1.6	16	1	1	US-09-853-526-65	Sequence 229, App
C 726	16.8	1.7	21	1	US-10-786-720-16055	Sequence 16055, A	C 799	15.8	1.6	16	1	1	US-09-881-012-229	Sequence 15, App
C 727	16.8	1.7	21	1	US-10-786-720-16055	Sequence 16055, A	C 800	15.8	1.6	16	1	1	US-09-970-971A-15	Sequence 16, Appl
C 728	16.8	1.7	21	1	US-10-786-720-16056	Sequence 16056, A	C 801	15.8	1.6	16	1	1	US-09-970-971A-26	Sequence 26, Appl
C 729	16.8	1.7	21	1	US-10-786-720-16405	Sequence 16405, A	C 802	15.8	1.6	16	1	1	US-09-306-333A-9	Sequence 9, Appl
C 730	16.8	1.7	21	1	US-10-786-720-16406	Sequence 16406, A	C 803	15.8	1.6	16	1	1	US-10-208-357-25	Sequence 25, Appl
C 731	16.8	1.7	21	1	US-10-786-720-16407	Sequence 16407, A	C 804	15.8	1.6	16	1	1	US-10-123-597-1	Sequence 1, Appl
C 732	16.8	1.7	21	1	US-10-786-720-20181	Sequence 20181, A	C 805	15.8	1.6	16	1	1	US-10-123-597-2	Sequence 2, Appl
C 733	16.8	1.7	21	1	US-10-786-720-20187	Sequence 20187, A	C 806	15.8	1.6	16	1	1	US-10-123-597-3	Sequence 3, Appl
C 734	16.8	1.7	21	1	US-10-786-720-20187	Sequence 20187, A	C 807	15.8	1.6	16	1	1	US-10-123-597-4	Sequence 4, Appl
C 735	16.8	1.7	21	1	US-10-786-720-20211	Sequence 20211, A	C 808	15.8	1.6	16	1	1	US-10-123-597-5	Sequence 5, Appl
C 736	16.8	1.7	21	1	US-10-786-720-20248	Sequence 20248, A	C 809	15.8	1.6	16	1	1	US-10-123-597-6	Sequence 6, Appl
C 737	16.8	1.7	21	1	US-10-786-720-20361	Sequence 20361, A	C 810	15.8	1.6	16	1	1	US-10-123-597-7	Sequence 7, Appl
C 738	16.8	1.7	21	1	US-10-786-720-20394	Sequence 20394, A	C 811	15.8	1.6	16	1	1	US-10-123-597-8	Sequence 8, Appl
C 739	16.8	1.7	21	1	US-10-786-720-20459	Sequence 20459, A	C 812	15.8	1.6	16	1	1	US-10-123-597-14	Sequence 14, Appl
C 740	16.8	1.7	21	1	US-10-786-720-20629	Sequence 20629, A	C 813	15.8	1.6	16	1	1	US-10-123-597-15	Sequence 15, Appl
C 741	16.8	1.7	19	1	US-09-728-552-2	Sequence 2, Appl	C 814	15.8	1.6	16	1	1	US-10-123-597-25	Sequence 25, Appl
C 742	16.6	1.7	18	1	US-09-263-959-1276	Sequence 1276, Ap	C 815	15.8	1.6	16	1	1	US-10-100-321-24	Sequence 24, Appl
C 743	16.4	1.7	18	1	US-09-739-909-7	Sequence 7, Appl	C 816	15.8	1.6	16	1	1	US-10-100-321-24	Sequence 24, Appl
C 744	16.4	1.7	18	1	US-10-255-433-9	Sequence 9, Appl	C 817	15.8	1.6	16	1	1	US-10-100-321-24	Sequence 24, Appl
C 745	16.4	1.7	18	1	US-10-255-433-21	Sequence 21, Appl	C 818	15.8	1.6	16	1	1	US-10-247-893-7	Sequence 7, Appl
C 746	16.4	1.7	18	1	US-10-731-739-220	Sequence 220, App	C 819	15.8	1.6	16	1	1	US-10-247-893-7	Sequence 7, Appl
C 747	16.4	1.7	18	1	US-10-731-739-438	Sequence 438, App	C 820	15.8	1.6	16	1	1	US-10-098-816-15	Sequence 15, Appl
C 748	16.4	1.7	19	1	US-09-263-959-630	Sequence 630, App	C 821	15.8	1.6	16	1	1	US-10-098-816-17	Sequence 17, Appl
C 749	16.4	1.7	19	1	US-09-263-959-963	Sequence 963, App	C 822	15.8	1.6	16	1	1	US-10-098-816-18	Sequence 18, Appl
C 750	16.4	1.7	19	1	US-09-263-959-1278	Sequence 1278, Ap	C 823	15.8	1.6	16	1	1	US-10-098-816-26	Sequence 26, Appl
C 751	16.4	1.7	19	1	US-09-898-556A-88	Sequence 88, Appl	C 824	15.8	1.6	16	1	1	US-10-002-623-770	Sequence 770, App
C 752	16.4	1.7	20	1	US-10-222-334-10	Sequence 10, Appl	C 825	15.8	1.6	16	1	1	US-10-322-242-1	Sequence 1, Appl
C 753	16.4	1.7	20	1	US-10-006-883A-71	Sequence 71, Appl	C 826	15.8	1.6	16	1	1	US-10-322-242-1	Sequence 1, Appl
C 754	16.4	1.7	20	1	US-10-401-194-75	Sequence 75, Appl	C 827	15.8	1.6	16	1	1	US-10-333-150-92	Sequence 92, Appl
C 755	16.4	1.7	20	1	US-10-199-199-83	Sequence 83, Appl	C 828	15.8	1.6	16	1	1	US-10-371-600-14	Sequence 14, Appl
C 756	16.4	1.7	20	1	US-10-199-199-141	Sequence 141, Appl	C 829	15.8	1.6	16	1	1	US-10-331-907-157	Sequence 157, App
C 757	16.4	1.7	20	1	US-10-316-540-24	Sequence 24, Appl	C 830	15.8	1.6	16	1	1	US-10-331-907-242	Sequence 242, App
C 758	16.4	1.7	20	1	US-10-316-540-101	Sequence 101, App	C 831	15.8	1.6	16	1	1	US-10-091-281-242	Sequence 242, App
C 759	16.4	1.7	20	1	US-10-671-395-1558	Sequence 1558, Ap	C 832	15.8	1.6	16	1	1	US-10-170-172-16	Sequence 16, Appl
C 760	16.4	1.7	20	1	US-10-772-542-88	Sequence 88, Appl	C 833	15.8	1.6	16	1	1	US-10-331-109-33	Sequence 33, Appl
C 761	16.4	1.7	20	1	US-09-739-909-4	Sequence 4, Appl	C 834	15.8	1.6	16	1	1	US-10-359-328-5	Sequence 5, Appl
C 762	16.4	1.7	16	1			C 835	15.8	1.6	16	1	1		
C 763	16.4	1.7	16	1			C 836	15.8	1.6	16	1	1		

C 837	15.8	1.6	19	1	US-10-359-328-26	Sequence 26, Appl	910	15	1.5	18	1	US-10-314-410-21	Sequence 21, Appl
C 838	15.8	1.6	19	1	US-10-457-839-29	Sequence 29, Appl	911	15	1.5	18	1	US-10-204-254A-51	Sequence 51, Appl
C 839	15.8	1.6	19	1	US-10-236-417-244	Sequence 244, Appl	C 912	15	1.5	18	1	US-10-282-174-306	Sequence 306, Appl
C 840	15.8	1.6	19	1	US-10-387-346B-154	Sequence 154, Appl	C 913	14.8	1.5	18	1	US-09-784-423-146	Sequence 146, Appl
C 841	15.6	1.6	41	1	US-10-035-833A-3699	Sequence 3699, Ap	C 914	14.8	1.5	18	1	US-09-841-366A-8	Sequence 8, Appl
C 842	15.4	1.6	17	1	US-10-156-306-544	Sequence 544, Appl	C 915	14.8	1.5	18	1	US-09-809-545A-84	Sequence 84, Appl
C 843	15.4	1.6	17	1	US-10-156-306-548	Sequence 548, Appl	C 916	14.8	1.5	18	1	US-09-888-326B-4	Sequence 837, Appl
C 844	15.4	1.6	17	1	US-10-156-306-1651	Sequence 1651, Ap	C 917	14.8	1.5	18	1	US-09-982-265B-4	Sequence 4, Appl
C 845	15.4	1.6	17	1	US-10-156-306-1652	Sequence 1652, Ap	C 918	14.8	1.5	18	1	US-09-776-479-913	Sequence 913, Appl
C 846	15.4	1.6	17	1	US-10-156-306-1653	Sequence 1653, Ap	C 919	14.8	1.5	18	1	US-09-776-479-913	Sequence 939, Appl
C 847	15.4	1.6	17	1	US-10-156-306-1661	Sequence 1661, Ap	C 920	14.8	1.5	18	1	US-09-776-479-939	Sequence 939, Appl
C 848	15.4	1.6	17	1	US-10-156-306-1663	Sequence 1663, Ap	C 921	14.8	1.5	18	1	US-09-370-541-14	Sequence 14, Appl
C 849	15.4	1.6	17	1	US-10-156-306-1663	Sequence 1663, Ap	C 922	14.8	1.5	18	1	US-09-979-275A-7	Sequence 7, Appl
C 850	15.4	1.6	17	1	US-10-156-306-1671	Sequence 1671, Ap	C 923	14.8	1.5	18	1	US-10-125-299-9	Sequence 9, Appl
C 851	15.4	1.6	17	1	US-10-156-306-1674	Sequence 1674, Ap	C 924	14.8	1.5	18	1	US-10-112-657-882	Sequence 24, Appl
C 852	15.4	1.6	17	1	US-10-156-306-1675	Sequence 1675, Ap	C 925	14.8	1.5	18	1	US-10-017-995-913	Sequence 882, Appl
C 853	15.4	1.6	17	1	US-10-156-306-1676	Sequence 1676, Ap	C 926	14.8	1.5	18	1	US-10-017-995-913	Sequence 913, Appl
C 854	15.4	1.6	17	1	US-10-156-306-1695	Sequence 1695, Ap	C 927	14.8	1.5	18	1	US-10-017-995-939	Sequence 939, Appl
C 855	15.4	1.6	17	1	US-10-156-306-1696	Sequence 1696, Ap	C 928	14.8	1.5	18	1	US-10-206-613-4	Sequence 4, Appl
C 856	15.4	1.6	17	1	US-10-156-306-1710	Sequence 1710, Ap	C 929	14.8	1.5	18	1	US-10-313-733-14	Sequence 14, Appl
C 857	15.4	1.6	17	1	US-10-156-306-1711	Sequence 1711, Ap	C 930	14.8	1.5	18	1	US-10-289-849-11	Sequence 11, Appl
C 858	15.4	1.6	17	1	US-10-156-306-2390	Sequence 2390, Ap	C 931	14.8	1.5	18	1	US-10-056-479A-15	Sequence 15, Appl
C 859	15.4	1.6	17	1	US-10-156-306-2394	Sequence 2394, Ap	C 932	14.8	1.5	18	1	US-10-352-704-12	Sequence 12, Appl
C 860	15.4	1.6	17	1	US-10-156-306-2395	Sequence 2395, Ap	C 933	14.8	1.5	18	1	US-10-352-704-18	Sequence 18, Appl
C 861	15.4	1.6	17	1	US-10-156-306-2398	Sequence 2398, Ap	C 934	14.8	1.5	18	1	US-10-314-810-8	Sequence 8, Appl
C 862	15.4	1.6	17	1	US-10-156-306-2399	Sequence 2399, Ap	C 935	14.8	1.5	18	1	US-10-073-333-9	Sequence 9, Appl
C 863	15.4	1.6	17	1	US-10-156-306-2400	Sequence 2400, Ap	C 936	14.8	1.5	18	1	US-10-091-281-117	Sequence 117, Appl
C 864	15.4	1.6	17	1	US-10-156-306-2409	Sequence 2409, Ap	C 937	14.8	1.5	18	1	US-10-091-281-314	Sequence 314, Appl
C 865	15.4	1.6	17	1	US-10-156-306-2410	Sequence 2410, Ap	C 938	14.8	1.5	18	1	US-10-091-281-355	Sequence 355, Appl
C 866	15.4	1.6	17	1	US-10-156-306-2411	Sequence 2411, Ap	C 939	14.8	1.5	18	1	US-10-351-951-123	Sequence 123, Appl
C 867	15.4	1.6	17	1	US-10-156-306-2880	Sequence 2880, Ap	C 940	14.8	1.5	18	1	US-10-292-088-144	Sequence 144, Appl
C 868	15.4	1.6	17	1	US-10-156-306-2881	Sequence 2881, Ap	C 941	14.8	1.5	18	1	US-10-314-578-913	Sequence 913, Appl
C 869	15.4	1.6	17	1	US-10-156-306-3776	Sequence 3776, Ap	C 942	14.8	1.5	18	1	US-10-314-578-939	Sequence 939, Appl
C 870	15.4	1.6	17	1	US-10-156-306-3783	Sequence 3783, Ap	C 943	14.8	1.5	18	1	US-10-389-155-197	Sequence 97, Appl
C 871	15.4	1.6	17	1	US-10-156-306-3792	Sequence 3792, Ap	C 944	14.8	1.5	18	1	US-10-389-155-197	Sequence 97, Appl
C 872	15.4	1.6	17	1	US-10-156-306-3793	Sequence 3793, Ap	C 945	14.8	1.5	18	1	US-10-271-602B-84	Sequence 84, Appl
C 873	15.4	1.6	17	1	US-10-156-306-3794	Sequence 3794, Ap	C 946	14.8	1.5	18	1	US-10-334-143-204	Sequence 204, Appl
C 874	15.4	1.6	17	1	US-10-238-700-678	Sequence 678, Appl	C 947	14.8	1.5	18	1	US-10-454-663-4	Sequence 4, Appl
C 875	15.4	1.6	17	1	US-10-238-700-679	Sequence 679, Appl	C 948	14.8	1.5	18	1	US-10-389-417-97	Sequence 97, Appl
C 876	15.4	1.6	17	1	US-10-238-700-680	Sequence 680, Appl	C 949	14.8	1.5	18	1	US-10-653-416-26	Sequence 26, Appl
C 877	15.4	1.6	17	1	US-10-238-700-686	Sequence 686, Appl	C 950	14.8	1.5	18	1	US-10-785-744-15	Sequence 15, Appl
C 878	15.4	1.6	17	1	US-10-238-700-687	Sequence 687, Appl	C 951	14.8	1.5	18	1	US-10-473-368-10	Sequence 10, Appl
C 879	15.4	1.6	17	1	US-10-238-700-697	Sequence 697, Appl	C 952	14.8	1.5	18	1	US-10-628-525-30	Sequence 30, Appl
C 880	15.4	1.6	17	1	US-10-238-700-698	Sequence 698, Appl	C 953	14.8	1.5	18	1	US-10-453-827-60	Sequence 60, Appl
C 881	15.4	1.6	17	1	US-10-238-700-709	Sequence 709, Appl	C 954	14.6	1.5	41	1	US-10-453-827-59	Sequence 59, Appl
C 882	15.4	1.6	17	1	US-10-238-700-716	Sequence 716, Appl	C 955	14.6	1.5	16	1	US-09-263-959-472	Sequence 472, Appl
C 883	15.4	1.6	17	1	US-10-238-700-718	Sequence 718, Appl	C 956	14.4	1.5	16	1	US-10-255-434-17	Sequence 17, Appl
C 884	15.4	1.6	17	1	US-10-238-700-3276	Sequence 3276, Ap	C 957	14.4	1.5	16	1	US-10-255-434-17	Sequence 17, Appl
C 885	15.4	1.6	17	1	US-10-339-782-318	Sequence 318, Appl	C 958	14.4	1.5	16	1	US-10-091-281-125	Sequence 125, Appl
C 886	15.4	1.6	17	1	US-10-339-782-320	Sequence 320, Appl	C 959	14.4	1.5	16	1	US-10-091-281-319	Sequence 319, Appl
C 887	15.4	1.6	17	1	US-10-339-782-424	Sequence 424, Appl	C 960	14.4	1.5	16	1	US-10-091-281-319	Sequence 319, Appl
C 888	15.4	1.6	17	1	US-10-339-793-16	Sequence 16, Appl	C 961	14.4	1.5	16	1	US-10-092-885-9	Sequence 9, Appl
C 889	15.4	1.6	17	1	US-10-091-281-126	Sequence 126, Appl	C 962	14.4	1.5	16	1	US-10-092-885-55	Sequence 55, Appl
C 890	15.4	1.6	17	1	US-10-091-281-130	Sequence 130, Appl	C 963	14.4	1.5	16	1	US-10-092-885-55	Sequence 55, Appl
C 891	15.4	1.6	17	1	US-10-282-174-170	Sequence 142, Appl	C 964	14.4	1.5	16	1	US-10-317-444-456	Sequence 456, Appl
C 892	15.4	1.6	18	1	US-09-863-806-142	Sequence 142, Appl	C 965	14.4	1.5	16	1	US-10-317-444-457	Sequence 457, Appl
C 893	15.4	1.6	18	1	US-10-089-887-4	Sequence 4, Appl	C 966	14.4	1.5	16	1	US-10-317-444-458	Sequence 458, Appl
C 894	15.4	1.6	18	1	US-10-187-975-133	Sequence 133, Appl	C 967	14.4	1.5	16	1	US-10-317-444-458	Sequence 458, Appl
C 895	15.4	1.6	18	1	US-10-469-277-4	Sequence 4, Appl	C 968	14.4	1.5	16	1	US-09-864-785-334	Sequence 334, Appl
C 896	15.4	1.6	18	1	US-10-010-802-81	Sequence 81, Appl	C 969	14.4	1.5	17	1	US-09-864-785-334	Sequence 334, Appl
C 897	15.4	1.6	18	1	US-10-198-069-40	Sequence 40, Appl	C 970	14.4	1.5	17	1	US-10-156-306-538	Sequence 538, Appl
C 898	15.4	1.6	18	1	US-10-091-281-142	Sequence 142, Appl	C 971	14.4	1.5	17	1	US-10-156-306-545	Sequence 545, Appl
C 899	15.4	1.6	18	1	US-10-091-281-361	Sequence 361, Appl	C 972	14.4	1.5	17	1	US-10-156-306-555	Sequence 555, Appl
C 900	15.4	1.6	18	1	US-10-255-434-8	Sequence 8, Appl	C 973	14.4	1.5	17	1	US-10-156-306-555	Sequence 555, Appl
C 901	15.4	1.6	18	1	US-10-255-434-20	Sequence 20, Appl	C 974	14.4	1.5	17	1	US-10-156-306-556	Sequence 556, Appl
C 902	15.4	1.6	18	1	US-10-092-885-52	Sequence 52, Appl	C 975	14.4	1.5	17	1	US-10-156-306-566	Sequence 566, Appl
C 903	15.4	1.6	18	1	US-09-790-417-252	Sequence 252, Appl	C 976	14.4	1.5	17	1	US-10-156-306-1657	Sequence 1670, Appl
C 904	15.4	1.6	18	1	US-09-739-909-2	Sequence 2, Appl	C 977	14.4	1.5	17	1	US-10-156-306-2389	Sequence 2389, Appl
C 905	15.4	1.6	18	1	US-10-152-297-88	Sequence 88, Appl	C 978	14.4	1.5	17	1	US-10-156-306-2392	Sequence 2392, Appl
C 906	15.4	1.6	18	1	US-10-238-700-481	Sequence 481, Appl	C 979	14.4	1.5	17	1	US-10-156-306-2414	Sequence 2414, Appl
C 907	15.4	1.6	18	1	US-10-238-700-710	Sequence 710, Appl	C 980	14.4	1.5	17	1	US-10-156-306-2888	Sequence 2888, Appl
C 908	15.4	1.6	18	1	US-09-757-421-12	Sequence 12, Appl	C 981	14.4	1.5	17	1	US-10-156-306-3780	Sequence 3780, Appl
C 909	15.4	1.6	18	1	US-09-811-088-21	Sequence 21, Appl	C 982	14.4	1.5	17	1	US-10-156-306-3780	Sequence 3780, Appl

983	14.4	1.5	17	1	US-10-156-306-3791	Sequence 3791, App	1056	13.8	1.4	17	1	US-10-156-306-528	Sequence 528, App
C 984	14.4	1.5	17	1	US-10-255-434-3	Sequence 3, Appl1	1057	13.8	1.4	17	1	US-10-156-306-534	Sequence 534, App
985	14.4	1.5	17	1	US-10-238-700-682	Sequence 682, App	1058	13.8	1.4	17	1	US-10-156-306-536	Sequence 536, App
986	14.4	1.5	17	1	US-10-238-700-681	Sequence 691, App	1059	13.8	1.4	17	1	US-10-156-306-541	Sequence 541, App
987	14.4	1.5	17	1	US-10-238-700-692	Sequence 692, App	1060	13.8	1.4	17	1	US-10-156-306-546	Sequence 546, App
988	14.4	1.5	17	1	US-10-238-700-700	Sequence 700, App	1061	13.8	1.4	17	1	US-10-156-306-552	Sequence 552, App
989	14.4	1.5	17	1	US-10-238-700-712	Sequence 712, App	1062	13.8	1.4	17	1	US-10-156-306-565	Sequence 565, App
990	14.4	1.5	17	1	US-10-238-700-719	Sequence 719, App	1063	13.8	1.4	17	1	US-10-156-306-572	Sequence 572, App
C 991	14.4	1.5	17	1	US-10-339-793-252	Sequence 252, App	1064	13.8	1.4	17	1	US-10-156-306-576	Sequence 576, App
C 992	14.4	1.5	17	1	US-10-428-275-355	Sequence 355, App	1065	13.8	1.4	17	1	US-10-156-306-1650	Sequence 1650, App
C 993	14.4	1.5	17	1	US-10-469-277-3	Sequence 3, Appl1	1066	13.8	1.4	17	1	US-10-156-306-1667	Sequence 1667, App
C 994	14.4	1.5	18	1	US-09-881-012-1	Sequence 1, Appl1	1067	13.8	1.4	17	1	US-10-156-306-1681	Sequence 1681, App
C 995	14.4	1.5	18	1	US-10-731-739-356	Sequence 356, App	1068	13.8	1.4	17	1	US-10-156-306-1690	Sequence 1690, App
996	14.2	1.4	41	1	US-10-035-833A-773	Sequence 373, App	1069	13.8	1.4	17	1	US-10-156-306-1693	Sequence 1693, App
997	14.2	1.4	41	1	US-10-035-833A-6523	Sequence 6523, App	1070	13.8	1.4	17	1	US-10-156-306-1694	Sequence 1694, App
C 998	14	1.4	14	1	US-09-179-536B-39	Sequence 39, Appl1	1071	13.8	1.4	17	1	US-10-156-306-1706	Sequence 1706, App
999	14	1.4	14	1	US-09-263-959-667	Sequence 667, App	1072	13.8	1.4	17	1	US-10-156-306-1707	Sequence 1707, App
1000	14	1.4	14	1	US-09-739-909-10	Sequence 10, Appl1	1073	13.8	1.4	17	1	US-10-156-306-1709	Sequence 1709, App
C1001	14	1.4	14	1	US-09-880-727-9	Sequence 9, Appl1	1074	13.8	1.4	17	1	US-10-156-306-1718	Sequence 1718, App
C1002	14	1.4	14	1	US-09-297-576A-39	Sequence 39, Appl1	1075	13.8	1.4	17	1	US-10-156-306-1721	Sequence 1721, App
1003	14	1.4	15	1	US-09-263-959-695	Sequence 695, App	1076	13.8	1.4	17	1	US-10-156-306-2388	Sequence 2388, App
1004	14	1.4	15	1	US-09-263-959-950	Sequence 950, App	1077	13.8	1.4	17	1	US-10-156-306-2403	Sequence 2403, App
1005	14	1.4	16	1	US-10-091-281-134	Sequence 134, App	1078	13.8	1.4	17	1	US-10-156-306-3781	Sequence 3781, App
1006	14	1.4	17	1	US-10-156-306-549	Sequence 549, App	1079	13.8	1.4	17	1	US-10-156-306-3782	Sequence 3782, App
1007	14	1.4	17	1	US-10-156-306-575	Sequence 575, App	1080	13.8	1.4	17	1	US-10-156-306-3787	Sequence 3787, App
1008	14	1.4	17	1	US-10-602-837-17	Sequence 17, Appl1	1081	13.8	1.4	17	1	US-10-156-306-2889	Sequence 2889, App
C1009	14	1.4	17	1	US-10-138-674-6194	Sequence 6194, App	1082	13.8	1.4	17	1	US-10-156-306-3791	Sequence 3791, App
C1010	14	1.4	17	1	US-10-138-674-6195	Sequence 6195, App	1083	13.8	1.4	17	1	US-10-156-306-3794	Sequence 3794, App
C1011	14	1.4	17	1	US-10-138-674-8504	Sequence 8504, App	1084	13.8	1.4	17	1	US-10-156-306-3781	Sequence 3781, App
C1012	14	1.4	17	1	US-10-287-949A-6194	Sequence 6194, App	1085	13.8	1.4	17	1	US-10-156-306-3782	Sequence 3782, App
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c1186	12.8	1.3	16	US-10-053-758-131	Sequence 131, App
c1187	12.8	1.3	16	US-10-054-295-131	Sequence 131, App
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c1191	12.8	1.3	16	US-10-287-919-2293	Sequence 2293, Ap
c1192	12.8	1.3	16	US-10-327-001-21	Sequence 21, Appl
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c1196	12.8	1.3	16	US-10-208-650-70	Sequence 70, Appl
c1197	12.8	1.3	16	US-10-203-780-9	Sequence 9, Appl
c1198	12.8	1.3	16	US-10-236-363A-40	Sequence 40, Appl
c1199	12.8	1.3	16	US-10-091-281-124	Sequence 124, App
c1200	12.8	1.3	16	US-10-092-885-49	Sequence 49, Appl
c1201	12.8	1.3	16	US-10-092-885-54	Sequence 54, Appl

c1202	12.8	1.3	16	US-10-092-885-58	Sequence 58, Appl
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c1211	12.8	1.3	16	US-10-776-099-9	Sequence 9, Appl
c1212	12.8	1.3	16	US-10-398-483-10	Sequence 10, Appl

ALIGNMENTS				
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US-10-198-069-30				
Sequence 30, Application US/10198069				
Publication No. US20030096756A1				
GENERAL INFORMATION:				
APPLICANT: AVERBACK, PAUL				
TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF				
TITLE OF INVENTION: CELLS				
FILE REFERENCE: 59003.000009				
CURRENT APPLICATION NUMBER: US/10/198,069				
CURRENT FILING DATE: 2002-07-19				
PRIOR APPLICATION NUMBER: 60/306,161				
PRIOR FILING DATE: 2001-07-19				
PRIOR APPLICATION NUMBER: 60/306,150				
PRIOR FILING DATE: 2001-07-19				
PRIOR APPLICATION NUMBER: 60/331,477				
PRIOR FILING DATE: 2001-11-16				
NUMBER OF SEQ ID NOS: 48				
SOFTWARE: PatentIn Ver. 2.1				
SEQ ID NO 30				
LENGTH: 57				
TYPE: DNA				
ORGANISM: Artificial Sequence				
FEATURE:				
OTHER INFORMATION: Description of Artificial Sequence: Synthetic				
OTHER INFORMATION: oligonucleotide				
US-10-198-069-30				
Query Match				
Best Local Similarity 100.0%; Pred. No. 4.5;				
Matches 57; Conservative 0; Mismatches 0; Indels 0; Gaps 0				

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US-10-198-069-31				
Sequence 31, Application US/10198069				
Publication No. US20030096756A1				
GENERAL INFORMATION:				
APPLICANT: AVERBACK, PAUL				
TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF				
TITLE OF INVENTION: CELLS				
FILE REFERENCE: 59003.000009				
CURRENT APPLICATION NUMBER: US/10/198,069				
CURRENT FILING DATE: 2002-07-19				
PRIOR APPLICATION NUMBER: 60/306,161				
PRIOR FILING DATE: 2001-07-19				
PRIOR APPLICATION NUMBER: 60/306,150				
PRIOR FILING DATE: 2001-07-19				
PRIOR APPLICATION NUMBER: 60/331,477				
PRIOR FILING DATE: 2001-11-16				
NUMBER OF SEQ ID NOS: 48				

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 57
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-31

Query Match          5.8%; Score 57; DB 1; Length 57;
Best Local Similarity 100.0%; Pred. No. 4.5;
Matches 57; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 3
US-09-764-887-575
; Sequence 575, Application US/09764887
; Patent No. US2002042096A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA113
; CURRENT APPLICATION NUMBER: US/09/764,887
; PRIOR FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 658
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 575
; LENGTH: 66
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-887-575

Query Match          5.7%; Score 56.4; DB 1; Length 66;
Best Local Similarity 90.9%; Pred. No. 5.9;
Matches 60; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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Qy      1130  TGACCT 1135
Db      61  TGACCT 66

RESULT 4
US-10-073-961-575
; Sequence 575, Application US/10073961
; Publication No. US20030077602A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA113C1
; CURRENT APPLICATION NUMBER: US/10/073,961
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/764,887
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
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; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
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; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
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; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
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; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
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; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/241,809
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; PRIOR APPLICATION NUMBER: 60/249,299
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; PRIOR APPLICATION NUMBER: 60/234,997
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; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,287
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; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/231,413
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/229,509
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/236,367
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PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: 60/237,039
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/237,038
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/236,370
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: 60/236,802
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/237,037
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/237,040
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/240,960
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/239,935
PRIOR FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: 60/239,937
PRIOR FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: 60/241,787
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/246,474
PRIOR FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: 60/246,532
PRIOR FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: 60/249,216
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,210
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/226,681
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 60/225,759
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/225,213
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/227,182
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 60/225,214
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/235,836
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 60/230,438
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/215,135
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: 60/225,266
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/249,218
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,208
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,213
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,212
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,207
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,245
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,244
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,217
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,211
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,215
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,264
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,214
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,297
PRIOR FILING DATE: 2000-11-17

PRIOR APPLICATION NUMBER: 60/232,400
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/231,242
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/232,081
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/232,080
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/231,414
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/231,244
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/233,064
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/233,063
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/232,397
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/232,399
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/232,401
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/241,808
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,826
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,786
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,221
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/246,475
PRIOR FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: 60/231,243
PRIOR FILING DATE: 2000-09-08

Query Match 5 7%; Score 56.4; DB 1; Length 66;
Best Local Similarity 90.9%; Pred. No. 5.9; Indels 0; Gaps 0;
Matches 60; Conservative 0; Mismatches

QY 1070 TTTTGTATTTTCATTAGAGCGGGTTTCACCATATTTGTACAGGCTGTCGAACTCC 1129
Db 1 TTTTGTATTTTAGTAGAGAGCGGGTTTCACCATATTTGACGAGCTGTCGAACTCC 60
QY 1130 TGACCT 1135
Db 61 TGACCT 66

RESULT 5
US-10-457-839-35/c
Sequence 35, Application US/10457839
Publication No. US20040014115A1
GENERAL INFORMATION:
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Scholl, Thomas
APPLICANT: Hendrickson, Brant C
APPLICANT: Ward, Benjamin
APPLICANT: Pruss, Dmitry
TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
FILE REFERENCE: 3002.03
CURRENT APPLICATION NUMBER: US/10/457,839
PRIOR FILING DATE: 2003-06-09
PRIOR APPLICATION NUMBER: 60/387,132
PRIOR FILING DATE: 2002-06-07
PRIOR APPLICATION NUMBER: 60/402,430
PRIOR FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 93
SOFTWARE: PatentIn version 3.2
SEQ ID NO 35
LENGTH: 66
TYPE: DNA
ORGANISM: Homo sapiens
US-10-457-839-35
```



Query Match 5.5%; Score 54.4; DB 1; Length 66;  
Best Local Similarity 90.6%; Pred. No. 7.9;  
Matches 58; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Db 687 CTGCTCCCGGGTTCAGATTATCTCTCCCTCCCGCAGCCTCTGAGTAGCTGGAGCTACAG 746  
CGGCTCCCGGGTTCAGATTATCTCTCCCTCCCGCAGCCTCTGAGTAGCTGGAGCTACAG 7

Qy 747 CGCC 750  
6 CACC 3

RESULT 6  
US-10-457-839-26/c  
; Sequence 26, Application US/10457839  
; Publication No. US20040014115A1  
; GENERAL INFORMATION:  
; APPLICANT: Myriad Genetics, Incorporated  
; APPLICANT: Scholl, Thomas  
; APPLICANT: Hendrickson, Brant C  
; APPLICANT: Pruss, Dmitry  
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof  
; FILE REFERENCE: 3002.03  
; CURRENT APPLICATION NUMBER: US/10/457,839  
; CURRENT FILING DATE: 2003-06-09  
; PRIOR APPLICATION NUMBER: 60/387,132  
; PRIOR FILING DATE: 2002-06-07  
; PRIOR APPLICATION NUMBER: 60/402,430  
; PRIOR FILING DATE: 2002-08-09  
; NUMBER OF SEQ ID NOS: 93  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 26  
; LENGTH: 60  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-457-839-26

Query Match 5.4%; Score 53.6; DB 1; Length 60;  
Best Local Similarity 93.3%; Pred. No. 8.1;  
Matches 56; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 825 TCTGACCTTGTGATCTGCTGCTCCGCTCCCAAGTGTGGATTACAGGCTGTAGC 884  
60 TCTGACCTTGTGATCTGCTGCTCCGCTCCCAAGTGTGGATTACAGGCTGTAGC 1

Db 60 TCTGACCTTGTGATCTGCTGCTCCGCTCCCAAGTGTGGATTACAGGCTGTAGC 1

RESULT 7  
US-10-198-069-29  
; Sequence 29, Application US/10198069  
; Publication No. US20030096756A1  
; GENERAL INFORMATION:  
; APPLICANT: AVERBACK, PAUL  
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER  
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF  
; FILE REFERENCE: 59003.000009  
; CURRENT APPLICATION NUMBER: US/10/198,069  
; CURRENT FILING DATE: 2002-07-19  
; PRIOR APPLICATION NUMBER: 60/306,161  
; PRIOR FILING DATE: 2001-07-19  
; PRIOR APPLICATION NUMBER: 60/306,150  
; PRIOR FILING DATE: 2001-07-19  
; PRIOR APPLICATION NUMBER: 60/331,477  
; PRIOR FILING DATE: 2001-11-16  
; NUMBER OF SEQ ID NOS: 48  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 29  
; LENGTH: 60  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Oligonucleotide  
US-10-198-069-29

Query Match 5.2%; Score 51; DB 1; Length 60;  
Best Local Similarity 100.0%; Pred. No. 12;  
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 699 TTCAAGTTATTTCTCTGCCCCAGCCTCTGAGTAGCTGGAGCTACAGCCG 749  
10 TTCAAGTTATTTCTCTGCCCCAGCCTCTGAGTAGCTGGAGCTACAGCCG 60

Db 10 TTCAAGTTATTTCTCTGCCCCAGCCTCTGAGTAGCTGGAGCTACAGCCG 60

RESULT 8  
US-10-241-151-2/c  
; Sequence 2, Application US/10241151  
; Publication No. US20030144799A1  
; GENERAL INFORMATION:  
; APPLICANT: International Genomics, Inc.  
; APPLICANT: No. US20030144799A1otny, Volker  
; TITLE OF INVENTION: Single Nucleotide Polymorphisms and Methods Therefor  
; FILE REFERENCE: 8549-000002/US  
; CURRENT APPLICATION NUMBER: US/10/241,151  
; CURRENT FILING DATE: 2002-09-11  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 61  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-241-151-2

Query Match 5.1%; Score 50; DB 1; Length 61;  
Best Local Similarity 88.3%; Pred. No. 14;  
Matches 53; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

Qy 643 CCCAGCTGAGTGCAGTGGCGGCAATCTTGCTGCACTGCAACTCTGCTCCGGGTTCA 702  
60 CCCAGCTGAGTGCAGTGGCGGCAATCTTGCTGCACTGCAACTCTGCTCCGGGTTCA 1

Db 60 CCCAGCTGAGTGCAGTGGCGGCAATCTTGCTGCACTGCAACTCTGCTCCGGGTTCA 1

RESULT 9  
US-10-733-116-2/c  
; Sequence 2, Application US/10733116  
; Publication No. US20040126800A1  
; GENERAL INFORMATION:  
; APPLICANT: International Genomics, Inc.  
; APPLICANT: Nowotny, Volker  
; TITLE OF INVENTION: Single Nucleotide Polymorphisms and Methods Therefor  
; FILE REFERENCE: 8549-000002/US  
; CURRENT APPLICATION NUMBER: US/10/733,116  
; CURRENT FILING DATE: 2003-12-11  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 2  
; LENGTH: 61  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-733-116-2

Query Match 5.1%; Score 50; DB 1; Length 61;  
Best Local Similarity 88.3%; Pred. No. 14;  
Matches 53; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

Qy 643 CCCAGCTGAGTGCAGTGGCGGCAATCTTGCTGCACTGCAACTCTGCTCCGGGTTCA 702  
60 CCCAGCTGAGTGCAGTGGCGGCAATCTTGCTGCACTGCAACTCTGCTCCGGGTTCA 1

Db 60 CCCAGCTGAGTGCAGTGGCGGCAATCTTGCTGCACTGCAACTCTGCTCCGGGTTCA 1

RESULT 10  
US-10-457-839-34/c  
; Sequence 34, Application US/10457839

```
/ Publication No. US20040014115A1
/ GENERAL INFORMATION:
/ APPLICANT: Myriad Genetics, Incorporated
/ APPLICANT: Scholl, Thomas
/ APPLICANT: Hendrickson, Brant C
/ APPLICANT: Ward, Benjamin
/ APPLICANT: Pruss, Dmitry
/ TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
/ FILE REFERENCE: 3002.03
/ CURRENT FILING DATE: 2003-06-09
/ PRIOR APPLICATION NUMBER: 60/387,132
/ PRIOR FILING DATE: 2002-06-07
/ PRIOR APPLICATION NUMBER: 60/402,430
/ PRIOR FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 93
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 34
/ LENGTH: 56
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-457-839-34

Query Match      4.8%; Score 48.6; DB 1; Length 56;
Best Local Similarity 92.7%; Pred. No. 16;
Matches 51; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 693 CCGGGGTCAAGTATTCTCTGCGCCGAGCTCTGAGTGTGAGTACAGGC 747
DB 56 CCGGGGTCAAGTATTCTCTGCGCTCAGCTCTGAGTGTGAGTACAGGC 2

RESULT 11
US-10-457-839-25/C
/ Sequence 25, Application US/10457839
/ Publication No. US20040014115A1
/ GENERAL INFORMATION:
/ APPLICANT: Myriad Genetics, Incorporated
/ APPLICANT: Scholl, Thomas
/ APPLICANT: Hendrickson, Brant C
/ APPLICANT: Ward, Benjamin
/ APPLICANT: Pruss, Dmitry
/ TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
/ FILE REFERENCE: 3002.03
/ CURRENT FILING DATE: 2003-06-09
/ PRIOR APPLICATION NUMBER: 60/387,132
/ PRIOR FILING DATE: 2002-06-07
/ PRIOR APPLICATION NUMBER: 60/402,430
/ PRIOR FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 93
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 25
/ LENGTH: 49
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-457-839-25

Query Match      4.8%; Score 47.4; DB 1; Length 49;
Best Local Similarity 98.0%; Pred. No. 17;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
/ TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides
/ FILE REFERENCE: P-EA 4672
/ CURRENT APPLICATION NUMBER: US/09/922,225A
/ CURRENT FILING DATE: 2003-01-14
/ NUMBER OF SEQ ID NOS: 117
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 59
/ LENGTH: 51
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-922-225A-59

Query Match      4.6%; Score 45.8; DB 1; Length 51;
Best Local Similarity 92.2%; Pred. No. 22;
Matches 47; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 689 GCCTCCCGGGTCAAGTATTCTCTGCGCCGAGCTCTGAGTGTGAGGA 739
DB 1 GCCTCCCGGGTCAAGCAATTCCTCTGCTCAGCTCTGAGTGTGAGGA 51

RESULT 13
US-10-457-839-33/C
/ Sequence 33, Application US/10457839
/ Publication No. US20040014115A1
/ GENERAL INFORMATION:
/ APPLICANT: Myriad Genetics, Incorporated
/ APPLICANT: Scholl, Thomas
/ APPLICANT: Hendrickson, Brant C
/ APPLICANT: Ward, Benjamin
/ APPLICANT: Pruss, Dmitry
/ TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
/ FILE REFERENCE: 3002.03
/ CURRENT FILING DATE: 2003-06-09
/ PRIOR APPLICATION NUMBER: 60/387,132
/ PRIOR FILING DATE: 2002-06-07
/ PRIOR APPLICATION NUMBER: 60/402,430
/ PRIOR FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 93
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 33
/ LENGTH: 50
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-457-839-33

Query Match      4.4%; Score 43.6; DB 1; Length 50;
Best Local Similarity 92.0%; Pred. No. 30;
Matches 46; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 695 CCGGTCAAGTATTCTCTGCGCCGAGCTCTGAGTGTGAGTACGA 744
DB 50 CCGGTCAAGCAATTCCTCTGCTCAGCTCTGAGTGTGAGTACGA 1

RESULT 14
US-09-922-225A-20/C
/ Sequence 20, Application US/09922225A
/ Publication No. US20030104385A1
/ GENERAL INFORMATION:
/ APPLICANT: Evans, Glen A.
/ TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides
/ FILE REFERENCE: P-EA 4672
/ CURRENT FILING DATE: 2003-01-14
/ NUMBER OF SEQ ID NOS: 117
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 20
/ LENGTH: 51
/ TYPE: DNA
```



```
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
US-10-198-069-34
```

```
Query Match          4.2%; Score 42; DB 1; Length 42;
Best Local Similarity 100.0%; Pred. No. 32;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      708 TTCTCTGCCGCCAGCTCTGAGTAGCTGGAGCTACAGGCGC 749
Db      1 TTCTCTGCCGCCAGCTCTGAGTAGCTGGAGCTACAGGCGC 42
```

```
RESULT 19
US-10-131-827-7754/C
Sequence 7754, Application US/10131827
Publication No. US20040009479A1
GENERAL INFORMATION:
APPLICANT: Wohlgemuth, Jay
APPLICANT: Fry, Kirk
APPLICANT: Woodward, Robert
APPLICANT: Ly, Ngoc
```

```
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
FILE REFERENCE: 506612000120
CURRENT APPLICATION NUMBER: US/10/131,827
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US 10/006,290
PRIOR FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: US 60/236,764
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 9090
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7754
LENGTH: 50
TYPE: DNA
ORGANISM: Homo sapiens
US-10-131-827-7754
```

```
Query Match          4.2%; Score 42; DB 1; Length 50;
Best Local Similarity 90.0%; Pred. No. 39;
Matches 45; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      927 GATTCACCTCTGTACCGAGCGGAGTGCAATGGCCAATCTCGGCTC 976
Db      50 GATTCACCTCTGTACCGAGCGGAGTGCAATGGCCAATCTCGGCTC 1
```

```
RESULT 20
US-10-393-815-84/C
Sequence 84, Application US/10393815
Publication No. US20030224413A1
GENERAL INFORMATION:
APPLICANT: Shimkova, Richard A
APPLICANT: Leach, Martin
```

```
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide Polymorphisms
FILE REFERENCE: 15966-5348
CURRENT APPLICATION NUMBER: US/10/393,815
CURRENT FILING DATE: 2003-03-20
PRIOR APPLICATION NUMBER: 60/109,024
PRIOR FILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 320
SOFTWARE: Curagen Patent Formatter Version 0.9
SEQ ID NO 84
LENGTH: 51
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: allele
LOCATION: (26)...(0)
```

```
OTHER INFORMATION: single nucleotide polymorphism
FEATURE:
NAME/KEY: misc.feature
LOCATION: (0)...(0)
OTHER INFORMATION: Accession number CG43950545
US-10-393-815-84
```

```
Query Match          4.2%; Score 42; DB 1; Length 51;
Best Local Similarity 90.0%; Pred. No. 39;
Matches 45; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      356 TGAGCTCAGACATCCACCTGCTCAGCTCCCAAGTGTGGATTACA 405
Db      50 TGAGCTCAGACATCCACCTGCTCAGCTCCCAAGTGTGGATTACA 1
```

```
RESULT 21
US-10-349-143-3767/C
Sequence 3767, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
```

```
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 3767
LENGTH: 47
TYPE: DNA
ORGANISM: Homo Sapiens
```

```
FEATURE:
NAME/KEY: allele
LOCATION: 24
OTHER INFORMATION: 99-11878-212 : polymorphic base C or T
US-10-349-143-3767
```

```
Query Match          4.2%; Score 41.8; DB 1; Length 47;
Best Local Similarity 91.5%; Pred. No. 37;
Matches 43; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      673 GCTCAGTCAACCTCTGCTCCGCGGTGCAATGTTATCTCGGCCCC 719
Db      47 GCTCAGTCAACCTCTGCTCCGCGGTGCAATGTTATCTCGGCCCC 1
```

```
RESULT 22
US-10-457-839-5/C
Sequence 5, Application US/10457839
Publication No. US20040014115A1
GENERAL INFORMATION:
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Scholl, Thomas
```

```
APPLICANT: Hendrickson, Brant C
APPLICANT: Ward, Benjamin
APPLICANT: Prusa, Dmitry
TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
FILE REFERENCE: 3002.03
CURRENT APPLICATION NUMBER: US/10/457,839
CURRENT FILING DATE: 2003-06-09
PRIOR APPLICATION NUMBER: 60/387,132
PRIOR FILING DATE: 2002-06-07
PRIOR APPLICATION NUMBER: 60/402,430
```

PRIOR FILING DATE: 2002-08-09  
NUMBER OF SEQ ID NOS: 93  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 5  
LENGTH: 48  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-457-839-5

Query Match 4.2%; Score 41.6; DB 1; Length 48;  
Best Local Similarity 91.7%; Pred. No. 39;  
Matches 44; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 696 GGGTCAAGTATTCCTCCGCGCCGAGCCCTCGAGAGAGCTGGAGCTAC 743  
DB 48 GGGTCAAGCAATTCCTCCGCGCCGAGCCCTCGAGAGAGCTGGAGCTAC 1

RESULT 23  
US-10-393-815-32/c

Sequence 32, Application US/10393815  
Publication No. US20030224413A1  
GENERAL INFORMATION:  
APPLICANT: Shimkets, Richard A  
APPLICANT: Leach, Martin  
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide Polymorphisms  
TITLE OF INVENTION: And Methods of Use Thereof  
FILE REFERENCE: 15966-534B  
CURRENT APPLICATION NUMBER: US/10/393,815  
CURRENT FILING DATE: 2003-03-20  
PRIOR APPLICATION NUMBER: 60/109,024  
PRIOR FILING DATE: 1998-11-17  
NUMBER OF SEQ ID NOS: 320  
SOFTWARE: CuraGen Patent Formatter Version 0.9  
SEQ ID NO 32  
LENGTH: 51  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: allele  
LOCATION: (26)...(0)  
OTHER INFORMATION: single nucleotide polymorphism  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (0)...(0)  
OTHER INFORMATION: Accession number CG43957170  
US-10-393-815-32

Query Match 4.2%; Score 41.4; DB 1; Length 51;  
Best Local Similarity 88.2%; Pred. No. 43;  
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1087 GAGCGCGGGTTTACCAATTTTGTCAAGGCTGTTCAAACTCTGACCTCA 1137  
DB 51 GAGCGCGGGTTTACCAATTTTGTCAAGGCTGTTCAAACTCTGACCTCA 1

RESULT 24  
US-10-457-839-15

Sequence 15, Application US/10457839  
Publication No. US20040014115A1  
GENERAL INFORMATION:  
APPLICANT: Myriad Genetics, Incorporated  
APPLICANT: Scholl, Thomas  
APPLICANT: Hendrickson, Brant C  
APPLICANT: Ward, Benjamin  
APPLICANT: Pruss, Dmitry  
TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof  
FILE REFERENCE: 3002.03  
CURRENT APPLICATION NUMBER: US/10/457,839  
CURRENT FILING DATE: 2003-06-09  
PRIOR APPLICATION NUMBER: 60/387,132  
PRIOR FILING DATE: 2002-06-07

PRIOR APPLICATION NUMBER: 60/402,430  
PRIOR FILING DATE: 2002-08-09  
NUMBER OF SEQ ID NOS: 93  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 15  
LENGTH: 49  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-457-839-15

Query Match 4.1%; Score 41; DB 1; Length 49;  
Best Local Similarity 89.8%; Pred. No. 44;  
Matches 44; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 843 CCTGCTCGGCGCTCCCAAGGCTGGAGATTACAGCGCTGACCCACAG 891  
DB 1 CCTGCTCGGCGCTCCCAAGGCTGGAGATTACAGGTGTGACCATCCGC 49

RESULT 25  
US-09-922-225A-61/c

Sequence 61, Application US/09922225A  
Publication No. US20030104385A1  
GENERAL INFORMATION:  
APPLICANT: Evans, Glen A.  
TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides  
TITLE OF INVENTION: Associated with Bipolar Disorder  
FILE REFERENCE: P-EA 4672  
CURRENT APPLICATION NUMBER: US/09/922,225A  
CURRENT FILING DATE: 2003-01-14  
NUMBER OF SEQ ID NOS: 117  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 61  
LENGTH: 51  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-922-225A-61

Query Match 4.1%; Score 41; DB 1; Length 51;  
Best Local Similarity 86.3%; Pred. No. 46;  
Matches 44; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 698 GTTCAAGTATTCCTCCGCGCCGAGCCCTCGAGTAGCTGGAGCTACAGCG 748  
DB 51 GTTCAAGCAATTCCTCCGCGCCGAGCCCTCGAGTAGCTGGAGCTACAGCG 1

RESULT 26  
US-10-457-839-3/c

Sequence 3, Application US/10457839  
Publication No. US20040014115A1  
GENERAL INFORMATION:  
APPLICANT: Myriad Genetics, Incorporated  
APPLICANT: Scholl, Thomas  
APPLICANT: Hendrickson, Brant C  
APPLICANT: Ward, Benjamin  
APPLICANT: Pruss, Dmitry  
TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof  
FILE REFERENCE: 3002.03  
CURRENT APPLICATION NUMBER: US/10/457,839  
CURRENT FILING DATE: 2003-06-09  
PRIOR APPLICATION NUMBER: 60/387,132  
PRIOR FILING DATE: 2002-06-07  
PRIOR APPLICATION NUMBER: 60/402,430  
PRIOR FILING DATE: 2002-08-09  
NUMBER OF SEQ ID NOS: 93  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 3  
LENGTH: 42  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-457-839-3

Query Match 4.1%; Score 40.4; DB 1; Length 42;  
Best Local Similarity 97.6%; Pred. No. 41;  
Matches 41; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
DB 834 TGTGATCTGCTGCTCGGCTCCCAAGTGTGGGATTACA 875  
42 TGTGATCTGCTGCTCGGCTCCCAAGTGTGGGATTACA 1

RESULT 27  
US-10-131-827-7618/c  
; Sequence 7618, Application US/10131827  
; Publication No. US20040009479A1  
; GENERAL INFORMATION:  
; APPLICANT: Wohlgenuth, Jay  
; APPLICANT: Fey, Kirk  
; APPLICANT: Woodward, Robert  
; APPLICANT: Ly, Ngoc  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE  
; FILE REFERENCE: 506612000120  
; CURRENT APPLICATION NUMBER: US/10/131,827  
; PRIOR FILING DATE: 2002-09-06  
; PRIOR APPLICATION NUMBER: US 10/006,290  
; PRIOR FILING DATE: 2001-10-22  
; PRIOR APPLICATION NUMBER: US 60/296,764  
; PRIOR FILING DATE: 2001-06-08  
; NUMBER OF SEQ ID NOS: 9090  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 7618  
; LENGTH: 50  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-131-827-7618

Query Match 4.1%; Score 40.4; DB 1; Length 50;  
Best Local Similarity 88.0%; Pred. No. 49;  
Matches 44; Conservative 0; Mismatches 6; Indels 0; Gaps 0;  
DB 1052 GCCACGACGCGCGCTAATTTGTATTTTATTAGAGGCGGATTTCAC 1101  
50 GCCACGACGCGCGCTAATTTGTATTTTATTAGAGGCGGATTTCAC 1

RESULT 28  
US-10-349-143-2999  
; Sequence 2999, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marla  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; PRIOR FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 2999  
; LENGTH: 47  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: allele  
; LOCATION: 24  
; OTHER INFORMATION: 99-21516-293 : polymorphic base G or T

US-10-349-143-2999  
Query Match 4.1%; Score 40.2; DB 1; Length 47;  
Best Local Similarity 89.4%; Pred. No. 47;  
Matches 42; Conservative 1; Mismatches 4; Indels 0; Gaps 0;  
DB 839 TCTGCTGCTGCTCGGCTCCCAAGTGTGGGATTACAGCGGTGAGCC 885  
1 TCGGCTGCTGCTCGGCTCCCAAGTGTGGGATTATGAGGTGAGCGGTGAGCC 47

RESULT 29  
US-10-035-833A-382/c  
; Sequence 382, Application US/10035833A  
; Publication No. US20040072156A1  
; GENERAL INFORMATION:  
; APPLICANT: Nakamura, Yuhio  
; APPLICANT: Sekine, Akihito  
; APPLICANT: Iida, Aritoshi  
; APPLICANT: Saito, Osamu  
; TITLE OF INVENTION: Detection of Genetic Polymorphisms  
; FILE REFERENCE: FORS-06904  
; CURRENT APPLICATION NUMBER: US/10/035,833A  
; PRIOR FILING DATE: 2001-12-27  
; NUMBER OF SEQ ID NOS: 7669  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 382  
; LENGTH: 41  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-035-833A-382

Query Match 4.0%; Score 39.6; DB 1; Length 41;  
Best Local Similarity 97.5%; Pred. No. 45;  
Matches 39; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

DB 846 GCCTCGGCTTCCCAAGTGTGGATTACAGCGGTGAGCC 885  
40 GCCTCGGCTTCCCAAGTGTGGATTACAGCGGTGAGCC 1

RESULT 30  
US-10-035-833A-6413/c  
; Sequence 6413, Application US/10035833A  
; Publication No. US20040072156A1  
; GENERAL INFORMATION:  
; APPLICANT: Nakamura, Yuhio  
; APPLICANT: Sekine, Akihito  
; APPLICANT: Iida, Aritoshi  
; APPLICANT: Saito, Osamu  
; TITLE OF INVENTION: Detection of Genetic Polymorphisms  
; FILE REFERENCE: FORS-06904  
; CURRENT APPLICATION NUMBER: US/10/035,833A  
; PRIOR FILING DATE: 2001-12-27  
; NUMBER OF SEQ ID NOS: 7669  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 6413  
; LENGTH: 41  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-035-833A-6413

Query Match 4.0%; Score 39.6; DB 1; Length 41;  
Best Local Similarity 97.5%; Pred. No. 45;  
Matches 39; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

DB 846 GCCTCGGCTTCCCAAGTGTGGATTACAGCGGTGAGCC 885  
40 GCCTCGGCTTCCCAAGTGTGGATTACAGCGGTGAGCC 1

RESULT 31  
US-10-198-069-46

```
; Sequence 46, Application US/10198069
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-198-069-47

Query Match      3.9%; Score 39; DB 1; Length 39;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 39; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      843 CCGCTCGGCTCCCAAGTGTGGATTTACGGCGTG 881
DB      1 CCGCTCGGCTCCCAAGTGTGGATTTACGGCGTG 39

; Sequence 47, Application US/10198069
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-198-069-47

Query Match      3.9%; Score 39; DB 1; Length 39;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 39; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      843 CCGCTCGGCTCCCAAGTGTGGATTTACGGCGTG 881
DB      1 CCGCTCGGCTCCCAAGTGTGGATTTACGGCGTG 39
```

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RESULT 33
US-10-035-833A-1310
; Sequence 1310, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1310
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-1310

Query Match      3.9%; Score 39; DB 1; Length 41;
Best Local Similarity 95.1%; Pred. No. 49;
Matches 39; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      676 CACTGCAACCTCTGCTCCCGGGTTCAAGTTATTCCTGCG 716
DB      1 CACTGCAACCTCTGCTCCCGGGTTCAAGTTATTCCTGCG 41

; Sequence 7567, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7567
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-7567

Query Match      3.9%; Score 39; DB 1; Length 41;
Best Local Similarity 95.1%; Pred. No. 49;
Matches 39; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      676 CACTGCAACCTCTGCTCCCGGGTTCAAGTTATTCCTGCG 716
DB      1 CACTGCAACCTCTGCTCCCGGGTTCAAGTTATTCCTGCG 41

RESULT 35
US-10-349-143-2353
; Sequence 2353, Application US/10349143
; Publication No. US2004005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
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; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-10573-375 : polymorphic base G or A
US-10-349-143-2353

Query Match
Best Local Similarity 3.9%; Score 38.8; DB 1; Length 47;
Matches 40; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1006 GATTCCTCTGTCTCAGCTCCCAAGCAAGCTGGGATTACGGGCGC 1049
DB 2 GATTCCTCTGTCTCAGCTCCCAAGCAAGCTGGGATTACAGGCGAC 45

RESULT 36
US-10-349-143-1321/c
; Sequence 1321, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 1321
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-22844-211 : polymorphic base A or G
US-10-349-143-1321

Query Match
Best Local Similarity 3.8%; Score 38; DB 1; Length 47;
Matches 38; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 673 GCTCAGCAACCTGCTCCCGGGGTTCAGTATTCCTC 712
DB 46 GCTCAGCAACCTGCTCCCGGGGTTCAGTATTCCTC 7

RESULT 37
US-10-457-839-1
; Sequence 1, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 42
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-1

Query Match
Best Local Similarity 3.8%; Score 37.8; DB 1; Length 42;
Matches 39; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 848 CTCGGCTCTCCCAAGTGTGAGATTACAGGCGCTGAGCCACC 888
DB 2 CTCGGCTCTCCCAAGTGTGAGATTACAGGCGTGTGAGCCATC 42

RESULT 38
US-10-035-833A-373/c
; Sequence 373, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 373
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-373

Query Match
Best Local Similarity 3.6%; Score 35.8; DB 1; Length 41;
Matches 37; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 198 CATGTTGTGACGGCTGTCTCGAATCTCCGACTTCAGATGA 238
DB 41 CATGTTGTGACGGCTGTCTCGAATCTCCGACTTCAGATGA 1

RESULT 39
US-10-035-833A-907/c
; Sequence 907, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
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; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 907
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-907

Query Match      3.6%; Score 35.8; DB 1; Length 41;
Best Local Similarity 94.9%; Pred. No. 79;
Matches 37; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1045 GGCACCTGCACACACCCCGCTAATTTTGTATTTC A 1083
Db      40 GGCACATGCCACACACCCCGCTAATTTTGTATTTC A 2

RESULT 40
US-10-035-833A-2293
; Sequence 2293, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035, 833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 2293
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-2293

Query Match      3.6%; Score 35.8; DB 1; Length 41;
Best Local Similarity 90.2%; Pred. No. 79;
Matches 37; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Oy      643 CCCAGCTGAGTGGAGTGGCGGCATCTTGCTCACTGCA A 683
Db      1 CCCAGCTGACTGCACTGGTGAATCTTGCTCACTGCA A 41

RESULT 41
US-10-035-833A-6019
; Sequence 6019, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035, 833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 6019
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6019

Query Match      3.6%; Score 35.8; DB 1; Length 41;
Best Local Similarity 90.2%; Pred. No. 79;
Matches 37; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Oy      198 CATGTTGTCAGGCTGTCTCGAATCCGACCTCAGATGA A 238
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Db      1 CGTGTGTCAGGCTGTCTCGAATCCGACCTCAGATGA A 41

RESULT 42
US-10-035-833A-6523/c
; Sequence 6523, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035, 833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 6523
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6523

Query Match      3.6%; Score 35.8; DB 1; Length 41;
Best Local Similarity 90.2%; Pred. No. 79;
Matches 37; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Oy      198 CATGTTGTCAGGCTGTCTCGAATCCGACCTCAGATGA A 238
Db      41 CATGTTGCCAGGCTGTCTCGAATCCGACCTCAGATGA A 1

RESULT 43
US-10-035-833A-6915/c
; Sequence 6915, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035, 833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 6915
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6915

Query Match      3.6%; Score 35.8; DB 1; Length 41;
Best Local Similarity 94.9%; Pred. No. 79;
Matches 37; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1045 GGCACCTGCACACACCCCGCTAATTTTGTATTTC A 1083
Db      40 GGCACATGCCACACACCCCGCTAATTTTGTATTTC A 2

RESULT 44
US-10-035-833A-3699
; Sequence 3699, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
```

TITLE OF INVENTION: Detection of Genetic Polymorphisms  
FILE REFERENCE: FORS-06904  
CURRENT APPLICATION NUMBER: US/10/035,833A  
CURRENT FILING DATE: 2001-12-27  
NUMBER OF SEQ ID NOS: 7669  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 3699  
LENGTH: 41  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-035-833A-3699

Query Match 3.6%; Score 35.4; DB 1; Length 41;  
Best Local Similarity 87.8%; Pred. No. 84;  
Matches 36; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGTGGCCGCAATCTTGCTCCTCACTGCA 683  
DB 1 CCCAGGCTGAGTGCAGTGGCCGCAATCTTGCTCCTCACTGCA 41

RESULT 45  
US-10-035-833A-6495  
Sequence 6495, Application US/10035833A  
Publication No. US20040072156A1  
GENERAL INFORMATION:  
APPLICANT: Nakamura, Yuhio  
APPLICANT: Sekine, Akihiro  
APPLICANT: Iida, Aritoshi  
APPLICANT: Saito, Osamu  
TITLE OF INVENTION: Detection of Genetic Polymorphisms  
FILE REFERENCE: FORS-06904  
CURRENT APPLICATION NUMBER: US/10/035,833A  
CURRENT FILING DATE: 2001-12-27  
NUMBER OF SEQ ID NOS: 7669  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 6495  
LENGTH: 41  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-035-833A-6495

Query Match 3.6%; Score 35.4; DB 1; Length 41;  
Best Local Similarity 87.8%; Pred. No. 84;  
Matches 36; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGTGGCCGCAATCTTGCTCCTCACTGCA 683  
DB 1 CCCAGGCTGAGTGCAGTGGCCGCAATCTTGCTCCTCACTGCA 41

RESULT 46  
US-10-035-833A-1335/c  
Sequence 1335, Application US/10035833A  
Publication No. US20040072156A1  
GENERAL INFORMATION:  
APPLICANT: Nakamura, Yuhio  
APPLICANT: Sekine, Akihiro  
APPLICANT: Iida, Aritoshi  
APPLICANT: Saito, Osamu  
TITLE OF INVENTION: Detection of Genetic Polymorphisms  
FILE REFERENCE: FORS-06904  
CURRENT APPLICATION NUMBER: US/10/035,833A  
CURRENT FILING DATE: 2001-12-27  
NUMBER OF SEQ ID NOS: 7669  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 1335  
LENGTH: 41  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-035-833A-1335

Query Match 3.5%; Score 34.8; DB 1; Length 41;

Best Local Similarity 90.0%; Pred. No. 91;  
Matches 36; Conservative 1; Mismatches 3; Indels 0; Gaps 0;  
QY 669 CTTGGCTCACTGCAACCTCTGCTCCCGGGTTCAAGTTAT 708  
DB 40 CTTGGCTCACTGCAACCTCTGCTCCCGGGTTCAAGTTAT 1

RESULT 47  
US-10-035-833A-7543/c  
Sequence 7543, Application US/10035833A  
Publication No. US20040072156A1  
GENERAL INFORMATION:  
APPLICANT: Nakamura, Yuhio  
APPLICANT: Sekine, Akihiro  
APPLICANT: Iida, Aritoshi  
APPLICANT: Saito, Osamu  
TITLE OF INVENTION: Detection of Genetic Polymorphisms  
FILE REFERENCE: FORS-06904  
CURRENT APPLICATION NUMBER: US/10/035,833A  
CURRENT FILING DATE: 2001-12-27  
NUMBER OF SEQ ID NOS: 7669  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 7543  
LENGTH: 41  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-035-833A-7543

Query Match 3.5%; Score 34.8; DB 1; Length 41;  
Best Local Similarity 90.0%; Pred. No. 91;  
Matches 36; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTTGGCTCACTGCAACCTCTGCTCCCGGGTTCAAGTTAT 708  
DB 40 CTTGGCTCACTGCAACCTCTGCTCCCGGGTTCAAGTTAT 1

RESULT 48  
US-10-453-827-60/c  
Sequence 60, Application US/10453827  
Publication No. US20040033582A1  
GENERAL INFORMATION:  
APPLICANT: Bristol-Myers Squibb Company  
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS  
FILE REFERENCE: D0211 NP  
CURRENT APPLICATION NUMBER: US/10/453,827  
CURRENT FILING DATE: 2003-06-03  
PRIOR APPLICATION NUMBER: U.S. 60/384,980  
PRIOR FILING DATE: 2002-06-03  
NUMBER OF SEQ ID NOS: 1219  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 60  
LENGTH: 41  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-453-827-60

Query Match 3.5%; Score 34.6; DB 1; Length 41;  
Best Local Similarity 90.2%; Pred. No. 94;  
Matches 37; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGTGGCCGCAATCTTGCTCCTCACTGCA 683  
DB 41 CCCAGGCTGAGTGCAGTGGCCGCAATCTTGCTCCTCACTGCA 1

RESULT 49  
US-10-453-827-62  
Sequence 62, Application US/10453827  
Publication No. US20040033582A1  
GENERAL INFORMATION:  
APPLICANT: Bristol-Myers Squibb Company

```

; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0211 NP
; CURRENT APPLICATION NUMBER: US/10/453,827
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: U.S. 60/384,980
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 1219
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 62
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-453-827-62

Query Match          3.5%; Score 34.6; DB 1; Length 41;
Best Local Similarity 90.2%; Pred. No. 94;
Matches 37; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 557 AGCTGGACCAAGACATGACACCACTAGACCTGCTAATTT 597
DB 1 AGCTGGATTACAGACATGACACCACTAGACCTGCTAATTT 41

RESULT 50
US-10-453-827-207/c
; Sequence 207, Application US/10453827
; Publication No. US20040033582A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0211 NP
; CURRENT APPLICATION NUMBER: US/10/453,827
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: U.S. 60/384,980
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 1219
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 207
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-453-827-207

Query Match          3.5%; Score 34.6; DB 1; Length 41;
Best Local Similarity 90.2%; Pred. No. 94;
Matches 37; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 643 CCCAGGCTGAGTGCAGTGGCGCAATCTTGCTCACTGCAA 683
DB 41 CCCAGGCTGAGTGCAGTGGCGCAATCTTGCTCACTGCAA 1

RESULT 51
US-10-035-833A-344
; Sequence 344, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 344
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-344
```

```

Query Match          3.5%; Score 34.2; DB 1; Length 41;
Best Local Similarity 87.8%; Pred. No. 1e+02;
Matches 36; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

OY 643 CCCAGGCTGAGTGCAGTGGCGCAATCTTGCTCACTGCAA 683
DB 1 CCCAGGCTGAGTGCAGTGGCGCAATCTTGCTCACTGCAA 41

RESULT 52
US-10-035-833A-346
; Sequence 346, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 346
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-346

Query Match          3.5%; Score 34.2; DB 1; Length 41;
Best Local Similarity 87.8%; Pred. No. 1e+02;
Matches 36; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

OY 969 CTCGGCTCACTGCAACCTCTGCTCCGGGCTCAAGGAT 1009
DB 1 CTCGGCTCACTGCAACCTCTGCTCCGGGCTCAAGGAT 41
```

```

RESULT 53
US-10-035-833A-742
; Sequence 742, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 742
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-742

Query Match          3.5%; Score 34.2; DB 1; Length 41;
Best Local Similarity 87.8%; Pred. No. 1e+02;
Matches 36; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

OY 831 CCTGTGATTCGCTGCTGGCTCCCAAGTGTGGGAT 871
DB 1 CCTGTGATTCGCTGCTGGCTCCCAAGTGTGGGAT 41

RESULT 54
US-10-035-833A-6013
; Sequence 6013, Application US/10035833A
; Publication No. US20040072156A1
```

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      1  TYPE: DNA
      1  ORGANISM: Homo sapiens
      1  US-10-035-833A-6497

Query Match
Best Local Similarity 87.8%; Score 34.2; DB 1; Length 41;
Matches 36; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 969 CTCGGCTCACTGCACCTCTGCTCCGCCGGGCTCAAGGAGATT 1009
      |||||||
      1 CTCGGCTCACTGCACCTCCRCCCTCCCGGGTTCAAGAGATT 41

RESULT 57
US-10-035-833A-6496
; Sequence 6496, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: PORS-06304
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6496
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-035-833A-6496

Query Match
Best Local Similarity 85.4%; Score 33.8; DB 1; Length 41;
Matches 35; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 651 GGAGTGCAGTGGCGCAATCTTGGTCTCACTGCACACTCTGCC 651
      |||||||
      1 GGAGTGCAGTGGGCGTGCATCTTGGCTCACTGCACACTCTGCC 41

RESULT 58
US-10-453-827-59/c
; Sequence 59, Application US/10453827
; Publication No. US20040033582A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0211 NP
; CURRENT APPLICATION NUMBER: US/10/453,827
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: U.S. 60/384,980
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 1219
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 59
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-453-827-59

Query Match
Best Local Similarity 90.0%; Score 33.6; DB 1; Length 41;
Matches 36; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 644 CCAGGCTGAGTGCAGTGGCGCAATCTTGGTCACTGCAC 683
      |||||||
      1 CCAGGCTGAGTGCAGTGGTGCAGATCTCACTGCAC 2

RESULT 59

```

US-10-198-069-36  
; Sequence 36, Application US/10198069  
; Publication No. US20030096756A1  
; GENERAL INFORMATION:  
; APPLICANT: AVERBACK, PAUL  
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER  
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF  
; TITLE OF INVENTION: CELLS  
; FILE REFERENCE: 59003.000009  
; CURRENT APPLICATION NUMBER: US/10/198,069  
; CURRENT FILING DATE: 2002-07-19  
; PRIOR APPLICATION NUMBER: 60/306,161  
; PRIOR FILING DATE: 2001-07-19  
; PRIOR APPLICATION NUMBER: 60/306,150  
; PRIOR FILING DATE: 2001-07-19  
; PRIOR APPLICATION NUMBER: 60/331,477  
; PRIOR FILING DATE: 2001-11-16  
; NUMBER OF SEQ ID NOS: 48  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 36  
; LENGTH: 33  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-198-069-36

Query Match 3.3%; Score 33; DB 1; Length 41;  
Best Local Similarity 100.0%; Pred. No. 95;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 378 CTCAGCCTCCCAAGTGGGATTAACAGGCGT 410  
DB 1 CTCAGCCTCCCAAGTGGGATTAACAGGCGT 33

RESULT 60  
US-10-453-827-208  
; Sequence 208, Application US/10453827  
; Publication No. US20040033582A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS  
; FILE REFERENCE: D0211 NP  
; CURRENT APPLICATION NUMBER: US/10/453,827  
; CURRENT FILING DATE: 2003-06-03  
; PRIOR APPLICATION NUMBER: U.S. 60/384,980  
; PRIOR FILING DATE: 2002-06-03  
; NUMBER OF SEQ ID NOS: 1219  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 208  
; LENGTH: 41  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-453-827-208

Query Match 3.3%; Score 33; DB 1; Length 41;  
Best Local Similarity 87.8%; Pred. No. 1.2e+02;  
Matches 36; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 659 GTGGGCAATCTTGGCTCACTGCAACCTGCTCCCGGAT 699  
DB 1 GTGGGTGATCTCGGCTCACTGCAACCTGCTCCCGGAT 41

RESULT 61  
US-10-453-827-209  
; Sequence 209, Application US/10453827  
; Publication No. US20040033582A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

; FILE REFERENCE: D0211 NP  
; CURRENT APPLICATION NUMBER: US/10/453,827  
; CURRENT FILING DATE: 2003-06-03  
; PRIOR APPLICATION NUMBER: U.S. 60/384,980  
; PRIOR FILING DATE: 2002-06-03  
; NUMBER OF SEQ ID NOS: 1219  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 209  
; LENGTH: 41  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-453-827-209

Query Match 3.3%; Score 33; DB 1; Length 41;  
Best Local Similarity 87.8%; Pred. No. 1.2e+02;  
Matches 36; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 557 AGCTGGACCAAGACATGCACCCCTACACTGCTAATTT 557  
DB 1 AGCTGGATTTACAGACATGCCCCACACACTGCTAATTT 41

RESULT 62  
US-10-035-833A-764/c  
; Sequence 764, Application US/10035833A  
; Publication No. US20040072156A1  
; GENERAL INFORMATION:  
; APPLICANT: Nakamura, Yuhio  
; APPLICANT: Sekine, Akihito  
; APPLICANT: Iida, Aritoshi  
; APPLICANT: Saito, Osamu  
; TITLE OF INVENTION: Detection of Genetic Polymorphisms  
; FILE REFERENCE: FORS-06904  
; CURRENT APPLICATION NUMBER: US/10/035,833A  
; CURRENT FILING DATE: 2001-12-27  
; NUMBER OF SEQ ID NOS: 7669  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 764  
; LENGTH: 41  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-035-833A-764

Query Match 3.3%; Score 33; DB 1; Length 41;  
Best Local Similarity 87.8%; Pred. No. 1.2e+02;  
Matches 36; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 361 TCAAGCACTCCACCTGCTCAAGCTTCCCAAGTGTGGGAT 401  
DB 41 TCAAGCACTGCTGCTGCTTSGCTCCCAAGTGTGGGAT 1

RESULT 63  
US-10-035-833A-6355/c  
; Sequence 6355, Application US/10035833A  
; Publication No. US20040072156A1  
; GENERAL INFORMATION:  
; APPLICANT: Nakamura, Yuhio  
; APPLICANT: Sekine, Akihito  
; APPLICANT: Iida, Aritoshi  
; APPLICANT: Saito, Osamu  
; TITLE OF INVENTION: Detection of Genetic Polymorphisms  
; FILE REFERENCE: FORS-06904  
; CURRENT APPLICATION NUMBER: US/10/035,833A  
; CURRENT FILING DATE: 2001-12-27  
; NUMBER OF SEQ ID NOS: 7669  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 6355  
; LENGTH: 41  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-035-833A-6355

Query Match 3.3%; Score 33; DB 1; Length 41;  
Best Local Similarity 87.8%; Pred. No. 1.2e+02;  
Matches 36; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 361 TCACGACGTCACGACCTGCTCCAGGCTCCCAAGGCTGGAGT 401  
DB 41 TCACGACATCTGCTGCTTGGCTTGGCTCCCAAGGCTGGAGT 1

RESULT 64  
US-10-035-833A-2294

Sequence 2294, Application US/10035833A  
Publication No. US20040072156A1

GENERAL INFORMATION:

APPLICANT: Nakamura, Yuhio

APPLICANT: Sekine, Akihito

APPLICANT: Iida, Aritoshi

APPLICANT: Saito, Osamu

TITLE OF INVENTION: Detection of Genetic Polymorphisms

FILE REFERENCE: FORS-06904

CURRENT APPLICATION NUMBER: US/10/035,833A

CURRENT FILING DATE: 2001-12-27

NUMBER OF SEQ ID NOS: 7669

SOFTWARE: PatentIn version 3.2

SEQ ID NO 2294

LENGTH: 41

TYPE: DNA

ORGANISM: Homo sapiens

US-10-035-833A-2294

Query Match 3.3%; Score 32.8; DB 1; Length 41;  
Best Local Similarity 89.5%; Pred. No. 1.2e+02;  
Matches 34; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 667 ATCTGGCTCAGTCGCAACCTGCTCCCGGGTTCAAG 704  
DB 4 ATCTGGCTCAGTCGCAAYCTCCGCTCTCGATTCAAG 41

RESULT 65

US-10-035-833A-3700

Sequence 3700, Application US/10035833A

Publication No. US20040072156A1

GENERAL INFORMATION:

APPLICANT: Nakamura, Yuhio

APPLICANT: Sekine, Akihito

APPLICANT: Iida, Aritoshi

APPLICANT: Saito, Osamu

TITLE OF INVENTION: Detection of Genetic Polymorphisms

FILE REFERENCE: FORS-06904

CURRENT APPLICATION NUMBER: US/10/035,833A

CURRENT FILING DATE: 2001-12-27

NUMBER OF SEQ ID NOS: 7669

SOFTWARE: PatentIn version 3.2

SEQ ID NO 3700

LENGTH: 41

TYPE: DNA

ORGANISM: Homo sapiens

US-10-035-833A-3700

Query Match 3.3%; Score 32.8; DB 1; Length 41;  
Best Local Similarity 89.5%; Pred. No. 1.2e+02;  
Matches 34; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 667 ATCTGGCTCAGTCGCAACCTGCTCCCGGGTTCAAG 704  
DB 4 ATCTGGCTCAGTCGCAAYCTCCGCTCTCGATTCAAG 41

RESULT 66

US-10-035-833A-5315

Sequence 5315, Application US/10035833A

Publication No. US20040072156A1

GENERAL INFORMATION:

APPLICANT: Nakamura, Yuhio

APPLICANT: Sekine, Akihito

APPLICANT: Iida, Aritoshi

APPLICANT: Saito, Osamu

TITLE OF INVENTION: Detection of Genetic Polymorphisms

FILE REFERENCE: FORS-06904

CURRENT APPLICATION NUMBER: US/10/035,833A

CURRENT FILING DATE: 2001-12-27

NUMBER OF SEQ ID NOS: 7669

SOFTWARE: PatentIn version 3.2

SEQ ID NO 5315

LENGTH: 40

TYPE: DNA

ORGANISM: Homo sapiens

US-10-035-833A-5315

Query Match 3.2%; Score 32; DB 1; Length 40;  
Best Local Similarity 87.5%; Pred. No. 1.3e+02;  
Matches 35; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1076 TATTTTCAATAGAGCGGGGTTTCAACATATTTGTACGCGC 1115  
DB 1 TATTTTCAATAGAGCGGGGTTTCAACATATTTGTACGCGC 40

RESULT 67

US-10-091-281-359/c

Sequence 359, Application US/10091281

Publication No. US20030190617A1

GENERAL INFORMATION:

APPLICANT: RAYMOND, VINCENT

APPLICANT: SI, ERWIN

APPLICANT: MORISETTE, JEAN

TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF

FILE REFERENCE: 13587,338

CURRENT APPLICATION NUMBER: US/10/091,281

CURRENT FILING DATE: 2002-03-06

NUMBER OF SEQ ID NOS: 463

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 359

LENGTH: 32

TYPE: DNA

ORGANISM: Homo sapiens

OTHER INFORMATION: Putative HOB0/HOGNESS.01 motif

US-10-091-281-359

Query Match 3.1%; Score 30.4; DB 1; Length 32;  
Best Local Similarity 96.9%; Pred. No. 1.4e+02;  
Matches 31; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 860 AAGTGCTGGGATTACAGGCGGTGAGCCACCACG 891  
DB 32 AAGTGCTGGGATTACAGGCGGTGAGCCACCACG 1

RESULT 68

US-09-964-666-9/c

Sequence 9, Application US/09964666

Patent No. US20020104108A1

GENERAL INFORMATION:

APPLICANT: de la Monte, Suzanne

APPLICANT: Wands, Jack R.

TITLE OF INVENTION: Transgenic Animals and Cell Lines for Screening Drugs Effective for the Treatment or Prevention of Alzheimer's Disease

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESSES:

ADDRESSER: Sterne, Kessler, Goldstein & Fox, P.L.L.C.

STREET: 1100 New York Ave., Suite 600

CITY: Washington

STATE: DC



COUNTRY: USA  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/964,666  
FILING DATE: 28-Sep-2001  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Bemdord, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0609.4370000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-09-964-666-9

Query Match 3.0%; Score 30; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 450 CACAGGTGCCACTCTTACCAGATGAA 479  
Db 30 CACAGGTGCCACTCTTACCAGATGAA 1

RESULT 69  
US-09-964-666-11/c  
Sequence 11, Application US/09964666  
Patent No. US20020104108A1  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
Wands, Jack R.  
TITLE OF INVENTION: Transgenic Animals and Cell Lines for  
Screening Drugs Effective for the Treatment or Prevention  
of Alzheimer's Disease  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
STREET: 1100 New York Ave., Suite 600  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/964,666  
FILING DATE: 28-Sep-2001  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Bemdord, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0609.4370000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:

LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
US-09-964-666-11

Query Match 3.0%; Score 30; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 788 GATGGGTTCCACATGTTCCGACGTTGAT 817  
Db 30 GATGGGTTCCACATGTTCCGACGTTGAT 1

RESULT 70  
US-09-964-412-9/c  
Sequence 9, Application US/09964412  
Patent No. US20020129391A1  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
Wands, Jack R.  
TITLE OF INVENTION: Transgenic Animals and Cell Lines for  
Screening Drugs Effective for the Treatment or Prevention  
of Alzheimer's Disease  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
STREET: 1100 New York Ave., Suite 600  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/964,412  
FILING DATE: 28-Sep-2001  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Bemdord, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0609.4370000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-09-964-412-9

Query Match 3.0%; Score 30; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 450 CACAGGTGCCACTCTTACCAGATGAA 479  
Db 30 CACAGGTGCCACTCTTACCAGATGAA 1

RESULT 71  
US-09-964-412-11/c  
Sequence 11, Application US/09964412

Patent No. US20020129391A1  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
Mands, Jack R.  
TITLE OF INVENTION: Transgenic Animals and Cell Lines for  
Screening Drugs Effective for the Treatment or Prevention  
of Alzheimer's Disease  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
STREET: 1100 New York Ave., Suite 600  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/964,412  
FILING DATE: 28-Sep-2001  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Esmond, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0609.4370000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
US-09-964-412-11  
Query Match 3.0%; Score 30; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 788 GATGGGTTCCACATGTTGCCAGGTTGAT 817  
DB 30 GATGGGTTCCACATGTTGCCAGGTTGAT 1  
RESULT 72  
US-09-964-667-9/c  
Sequence 9, Application US/09964667  
Publication No. US20030033621A1  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
Mands, Jack R.  
TITLE OF INVENTION: Transgenic Animals and Cell Lines for  
Screening Drugs Effective for the Treatment or Prevention  
of Alzheimer's Disease  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
STREET: 1100 New York Ave., Suite 600  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/964,667  
FILING DATE: 28-Sep-2001  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Esmond, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0609.4370000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-09-964-667-9  
Query Match 3.0%; Score 30; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 450 CACAGGTGCCACTCTTACCCAGATGAA 479  
DB 30 CACAGGTGCCACTCTTACCCAGATGAA 1  
RESULT 73  
US-09-964-667-11/c  
Sequence 11, Application US/09964667  
Publication No. US20030033621A1  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
Mands, Jack R.  
TITLE OF INVENTION: Transgenic Animals and Cell Lines for  
Screening Drugs Effective for the Treatment or Prevention  
of Alzheimer's Disease  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
STREET: 1100 New York Ave., Suite 600  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/964,667  
FILING DATE: 28-Sep-2001  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Esmond, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0609.4370000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
US-09-964-667-11

Query Match 3.0%; Score 30; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 788 GATGGGTTCCACCATGTTCCGACAGTTGAT 817  
Db 30 GATGGGTTCCACCATGTTCCGACAGTTGAT 1

RESULT 74  
US-09-964-678A-9/c  
Sequence 9, Application US/09964678A  
Publication No. US20030066097A1  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wands, Jack R.  
TITLE OF INVENTION: Transgenic Animals and Cell Lines for Screening Drugs  
TITLE OF INVENTION: Effective for the Treatment or Prevention of  
FILE REFERENCE: 0609.4370002  
CURRENT FILING DATE: 2001-09-28  
PRIOR APPLICATION NUMBER: 09/380,203  
PRIOR FILING DATE: 2000-04-25  
PRIOR APPLICATION NUMBER: PCT/US98/03685  
PRIOR FILING DATE: 1998-02-26  
PRIOR APPLICATION NUMBER: 60/038,908  
PRIOR FILING DATE: 1997-02-26  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 9  
LENGTH: 30  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense oligonucleotide  
US-09-964-678A-9

Query Match 3.0%; Score 30; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 450 CACAGGTGCCACTCTTACCCAGATGAA 479  
Db 30 CACAGGTGCCACTCTTACCCAGATGAA 1

RESULT 75  
US-09-964-678A-11/c  
Sequence 11, Application US/09964678A  
Publication No. US20030066097A1  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wands, Jack R.  
TITLE OF INVENTION: Transgenic Animals and Cell Lines for Screening Drugs  
TITLE OF INVENTION: Effective for the Treatment or Prevention of  
FILE REFERENCE: 0609.4370002  
CURRENT FILING DATE: 2001-09-28  
PRIOR APPLICATION NUMBER: 09/380,203  
PRIOR FILING DATE: 2000-04-25  
PRIOR APPLICATION NUMBER: PCT/US98/03685  
PRIOR FILING DATE: 1998-02-26  
PRIOR APPLICATION NUMBER: 60/038,908  
PRIOR FILING DATE: 1997-02-26  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 11  
LENGTH: 30  
TYPE: DNA  
ORGANISM: Artificial Sequence

FEATURE:  
OTHER INFORMATION: Antisense oligonucleotide  
US-09-964-678A-11

Query Match 3.0%; Score 30; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 788 GATGGGTTCCACCATGTTCCGACAGTTGAT 817  
Db 30 GATGGGTTCCACCATGTTCCGACAGTTGAT 1

RESULT 76  
US-10-198-069-37  
Sequence 37, Application US/10198069  
Publication No. US20030096756A1  
GENERAL INFORMATION:  
APPLICANT: AVERBACK, PAUL  
TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER  
TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF  
FILE REFERENCE: 59003.000009  
CURRENT FILING DATE: 2002-07-19  
PRIOR APPLICATION NUMBER: 60/306,161  
PRIOR FILING DATE: 2001-07-19  
PRIOR APPLICATION NUMBER: 60/306,150  
PRIOR FILING DATE: 2001-07-19  
PRIOR APPLICATION NUMBER: 60/331,477  
PRIOR FILING DATE: 2001-11-16  
NUMBER OF SEQ ID NOS: 48  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 37  
LENGTH: 30  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-198-069-37

Query Match 3.0%; Score 30; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 720 AGCTCTGAGTACTGGGACTACAGGGCC 749  
Db 1 AGCTCTGAGTACTGGGACTACAGGGCC 30

RESULT 77  
US-10-091-281-140/c  
Sequence 140, Application US/10091281  
Publication No. US20030190617A1  
GENERAL INFORMATION:  
APPLICANT: RAYMOND, VINCENT  
APPLICANT: ST. ERWIN  
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
FILE REFERENCE: 13587.338  
CURRENT FILING DATE: 2002-03-06  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 463  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 140  
LENGTH: 32  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Putative HOB0/HOGNESS.01 motif  
US-10-091-281-140

Query Match 3.0%; Score 29.4; DB 1; Length 32;  
Best Local Similarity 96.8%; Pred. No. 1.6e+02;  
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 860 AAGTGTGGATTACAGGCGTGGACCAAC 890  
DB 32 AAGTGTGGATTACAGGCGTGGACCAAC 2

RESULT 78  
US-10-336-638-859  
Sequence 859, Application US/10336638  
Publication No. US20030170699A1  
GENERAL INFORMATION:  
APPLICANT: Pan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Aftymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
TITLE OF INVENTION: Hypertension  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/10/336,638  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/09/304,232  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 859  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: TBXA2REX3 599  
US-10-336-638-859

Query Match 2.8%; Score 27.6; DB 1; Length 29;  
Best Local Similarity 96.4%; Pred. No. 1.8e+02;  
Matches 27; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGTGGCGCATCT 670  
DB 1 CCCAGGCTGAGTGCAGTGGCGCATCT 28

RESULT 79  
US-10-091-281-317/c  
Sequence 317, Application US/10091281  
Publication No. US2003019061A1  
GENERAL INFORMATION:  
APPLICANT: RAYMOND, VINCENT  
APPLICANT: SI, ERWIN  
APPLICANT: MORISSETTE, JEAN  
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
FILE REFERENCE: 13587,338  
CURRENT APPLICATION NUMBER: US/10/091,281  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 463  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 317  
LENGTH: 32  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Putative HOB0/HOGNESS.01 motif  
US-10-091-281-317

Query Match 2.8%; Score 27.4; DB 1; Length 32;  
Best Local Similarity 96.6%; Pred. No. 2.1e+02;  
Matches 28; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 860 AAGTGTGGATTACAGGCGTGGACCAAC 888  
DB 32 AAGTGTGGATTACAGGCGTGGACCAAC 4

RESULT 80  
US-09-764-891-9495/c  
Sequence 9495, Application US/09764891  
Publication No. US20030077808A1  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
FILE REFERENCE: PC006  
CURRENT APPLICATION NUMBER: US/09/764,891  
CURRENT FILING DATE: 2001-01-17  
Prior application data removed - consult PALM or file wrapper  
NUMBER OF SEQ ID NOS: 10231  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 9495  
LENGTH: 33  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-764-891-9495

Query Match 2.7%; Score 27.2; DB 1; Length 33;  
Best Local Similarity 90.6%; Pred. No. 2.2e+02;  
Matches 29; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 932 TCACCTGTATCCAGGCTGAGTGCATGCG 963  
DB 33 TCACCTGTATCCAGGCTGAGTGCATGCG 2

RESULT 81  
US-10-091-414-338/c  
Sequence 338, Application US/10091414  
Publication No. US20030224461A1  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
FILE REFERENCE: P116C1  
CURRENT APPLICATION NUMBER: US/10/091,414  
CURRENT FILING DATE: 2002-03-07  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 392  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 338  
LENGTH: 33  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-091-414-338

Query Match 2.7%; Score 27.2; DB 1; Length 33;  
Best Local Similarity 90.6%; Pred. No. 2.2e+02;  
Matches 29; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 932 TCACCTGTATCCAGGCTGAGTGCATGCG 963  
DB 33 TCACCTGTATCCAGGCTGAGTGCATGCG 2

RESULT 82  
US-10-198-069-35  
Sequence 35, Application US/10198069  
Publication No. US20030096756A1  
GENERAL INFORMATION:  
APPLICANT: AVERBACK, PAUL  
TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER  
TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF  
FILE REFERENCE: 59003,000009  
CURRENT APPLICATION NUMBER: US/10/198,069  
CURRENT FILING DATE: 2002-07-19

PRIOR APPLICATION NUMBER: 60/306,161  
PRIOR FILING DATE: 2001-07-19  
PRIOR APPLICATION NUMBER: 60/306,150  
PRIOR FILING DATE: 2001-07-19  
PRIOR APPLICATION NUMBER: 60/331,477  
PRIOR FILING DATE: 2001-11-16  
NUMBER OF SEQ ID NOS: 48  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 35  
LENGTH: 27  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-198-069-35

Query Match 2.7%; Score 27; DB 1; Length 29;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1017 CTCAGCTCCCAAGAGCTGGATTAC 1043  
Db 1 CTCAGCTCCCAAGAGCTGGATTAC 27

RESULT 83

US-10-336-638-196  
Sequence 196, Application US/10336638  
Publication No. US20030170699A1

GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/10/336,638  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/09/304,232  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 196  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC4 1287  
US-10-336-638-196

Query Match 2.7%; Score 27; DB 1; Length 29;  
Best Local Similarity 93.1%; Pred. No. 2e+02;  
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 849 TCGGCTCCCAAGTGTGGATTACAGG 877  
Db 1 TTGGCTCCCAAGTGTGGATTACAGG 29

RESULT 84

US-10-336-638-503  
Sequence 503, Application US/10336638  
Publication No. US20030170699A1

GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine

APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/10/336,638  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/09/304,232  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 503  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: GLUT4EX11 1005  
US-10-336-638-503

Query Match 2.7%; Score 27; DB 1; Length 29;  
Best Local Similarity 93.1%; Pred. No. 2e+02;  
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 862 GTGCTGGATTACAGCGGTGAGCCACCAC 890  
Db 1 GTGCTGGATTACAGCGGTGAGCCACCAC 29

RESULT 85

US-10-336-638-571  
Sequence 571, Application US/10336638  
Publication No. US20030170699A1

GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/10/336,638  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/09/304,232  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 571  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: HSTSCENE 3838  
US-10-336-638-571

Query Match 2.7%; Score 27; DB 1; Length 29;  
Best Local Similarity 93.1%; Pred. No. 2e+02;  
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 856 CCAAGTGTGGATTACAGCGGTGAGC 884  
Db 1 CCAAGTGTGTGGATTACAGCGCTGAGC 29

RESULT 86

US-10-336-638-700  
Sequence 700, Application US/10336638  
Publication No. US20030170699A1

GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing



PRIOR APPLICATION NUMBER: 09/764,887  
PRIOR FILING DATE: 2001-01-17  
PRIOR APPLICATION NUMBER: 60/179,065  
PRIOR FILING DATE: 2000-01-31  
PRIOR APPLICATION NUMBER: 60/180,628  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: 60/214,886  
PRIOR FILING DATE: 2000-06-28  
PRIOR APPLICATION NUMBER: 60/217,487  
PRIOR FILING DATE: 2000-07-11  
PRIOR APPLICATION NUMBER: 60/225,758  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/220,963  
PRIOR FILING DATE: 2000-07-26  
PRIOR APPLICATION NUMBER: 60/217,496  
PRIOR FILING DATE: 2000-07-11  
PRIOR APPLICATION NUMBER: 60/225,447  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/218,290  
PRIOR FILING DATE: 2000-07-14  
PRIOR APPLICATION NUMBER: 60/225,757  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/226,868  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 60/216,647  
PRIOR FILING DATE: 2000-07-07  
PRIOR APPLICATION NUMBER: 60/225,267  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/216,880  
PRIOR FILING DATE: 2000-07-07  
PRIOR APPLICATION NUMBER: 60/225,270  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/251,869  
PRIOR FILING DATE: 2000-12-08  
PRIOR APPLICATION NUMBER: 60/235,834  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: 60/234,274  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: 60/234,223  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: 60/228,924  
PRIOR FILING DATE: 2000-08-30  
PRIOR APPLICATION NUMBER: 60/224,518  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/236,369  
PRIOR FILING DATE: 2000-09-29  
PRIOR APPLICATION NUMBER: 60/224,519  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/220,964  
PRIOR FILING DATE: 2000-07-26  
PRIOR APPLICATION NUMBER: 60/241,809  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/249,299  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/236,327  
PRIOR FILING DATE: 2000-09-29  
PRIOR APPLICATION NUMBER: 60/241,785  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/244,617  
PRIOR FILING DATE: 2000-11-01  
PRIOR APPLICATION NUMBER: 60/225,268  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/236,368  
PRIOR FILING DATE: 2000-09-29  
PRIOR APPLICATION NUMBER: 60/251,856  
PRIOR FILING DATE: 2000-12-08  
PRIOR APPLICATION NUMBER: 60/251,868  
PRIOR FILING DATE: 2000-12-08  
PRIOR APPLICATION NUMBER: 60/229,344  
PRIOR FILING DATE: 2000-09-01  
PRIOR APPLICATION NUMBER: 60/234,997  
PRIOR FILING DATE: 2000-09-25  
PRIOR APPLICATION NUMBER: 60/229,343

PRIOR FILING DATE: 2000-09-01  
PRIOR APPLICATION NUMBER: 60/229,345  
PRIOR FILING DATE: 2000-09-01  
PRIOR APPLICATION NUMBER: 60/229,287  
PRIOR FILING DATE: 2000-09-01  
PRIOR APPLICATION NUMBER: 60/229,513  
PRIOR FILING DATE: 2000-09-05  
PRIOR APPLICATION NUMBER: 60/231,413  
PRIOR FILING DATE: 2000-09-08  
PRIOR APPLICATION NUMBER: 60/229,509  
PRIOR FILING DATE: 2000-09-05  
PRIOR APPLICATION NUMBER: 60/236,367  
PRIOR FILING DATE: 2000-09-29  
PRIOR APPLICATION NUMBER: 60/237,039  
PRIOR FILING DATE: 2000-10-02  
PRIOR APPLICATION NUMBER: 60/237,038  
PRIOR FILING DATE: 2000-10-02  
PRIOR APPLICATION NUMBER: 60/236,370  
PRIOR FILING DATE: 2000-09-29  
PRIOR APPLICATION NUMBER: 60/236,802  
PRIOR FILING DATE: 2000-10-02  
PRIOR APPLICATION NUMBER: 60/237,037  
PRIOR FILING DATE: 2000-10-02  
PRIOR APPLICATION NUMBER: 60/237,040  
PRIOR FILING DATE: 2000-10-02  
PRIOR APPLICATION NUMBER: 60/240,960  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/239,935  
PRIOR FILING DATE: 2000-10-13  
PRIOR APPLICATION NUMBER: 60/239,937  
PRIOR FILING DATE: 2000-10-13  
PRIOR APPLICATION NUMBER: 60/241,787  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/246,474  
PRIOR FILING DATE: 2000-11-08  
PRIOR APPLICATION NUMBER: 60/246,532  
PRIOR FILING DATE: 2000-11-08  
PRIOR APPLICATION NUMBER: 60/249,216  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/249,210  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/226,681  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 60/225,759  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/225,213  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/227,182  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 60/225,214  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/235,836  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: 60/230,438  
PRIOR FILING DATE: 2000-09-06  
PRIOR APPLICATION NUMBER: 60/215,135  
PRIOR FILING DATE: 2000-06-30  
PRIOR APPLICATION NUMBER: 60/225,266  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/249,218  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/249,208  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/249,213  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/249,212  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/249,207  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/249,245  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/249,244



PRIOR APPLICATION NUMBER: 60/249,217  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/249,211  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/249,215  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/249,264  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/249,214  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/249,297  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/232,400  
PRIOR FILING DATE: 2000-09-14  
PRIOR APPLICATION NUMBER: 60/231,242  
PRIOR FILING DATE: 2000-09-08  
PRIOR APPLICATION NUMBER: 60/232,081  
PRIOR FILING DATE: 2000-09-08  
PRIOR APPLICATION NUMBER: 60/232,080  
PRIOR FILING DATE: 2000-09-08  
PRIOR APPLICATION NUMBER: 60/231,414  
PRIOR FILING DATE: 2000-09-08  
PRIOR APPLICATION NUMBER: 60/231,244  
PRIOR FILING DATE: 2000-09-08  
PRIOR APPLICATION NUMBER: 60/233,064  
PRIOR FILING DATE: 2000-09-14  
PRIOR APPLICATION NUMBER: 60/233,063  
PRIOR FILING DATE: 2000-09-14  
PRIOR APPLICATION NUMBER: 60/232,397  
PRIOR FILING DATE: 2000-09-14  
PRIOR APPLICATION NUMBER: 60/232,399  
PRIOR FILING DATE: 2000-09-14  
PRIOR APPLICATION NUMBER: 60/232,401  
PRIOR FILING DATE: 2000-09-14  
PRIOR APPLICATION NUMBER: 60/241,808  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/241,826  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/241,786  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/241,221  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/246,475  
PRIOR FILING DATE: 2000-11-08  
PRIOR APPLICATION NUMBER: 60/231,243  
PRIOR FILING DATE: 2000-09-08

Query Match 2.7%; Score 26.8; DB 1; Length 32;  
Best Local Similarity 93.3%; Pred. No. 2.3e+02;  
Matches 28; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 768 TTTTGTATTATTAGTAGGATGGGCTC 797  
DB 1 TTTTGTATTATTAGTAGGATGGGCTC 30

RESULT 91  
US-09-964-666-10/c  
Sequence 10, Application US/09964666  
Patent No. US20020104108A1  
GENERAL INFORMATION:

APPLICANT: de la Monte, Suzanne  
Wands, Jack R.  
TITLE OF INVENTION: Transgenic Animals and Cell Lines for  
Screening Drugs Effective for the Treatment or Prevention  
of Alzheimer's Disease

NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
STREET: 1100 New York Ave., Suite 600  
CITY: Washington  
STATE: DC  
COUNTRY: USA

ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/964,666  
FILING DATE: 28-Sep-2001  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Esmond, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0609.4370000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-09-964-666-10

Query Match 2.6%; Score 26; DB 1; Length 26;  
Best Local Similarity 100.0%; Pred. No. 2.1e+02;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 GTTGCTGGAGCCAAAGACATGCACCA 580  
DB 26 GTAGCTGGAGCCAAAGACATGCACCA 1

RESULT 92  
US-09-964-412-10/c  
Sequence 10, Application US/09964412  
Patent No. US20020129391A1  
GENERAL INFORMATION:

APPLICANT: de la Monte, Suzanne  
Wands, Jack R.  
TITLE OF INVENTION: Transgenic Animals and Cell Lines for  
Screening Drugs Effective for the Treatment or Prevention  
of Alzheimer's Disease

NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
STREET: 1100 New York Ave., Suite 600  
CITY: Washington  
STATE: DC

COUNTRY: USA  
ZIP: 20005-3934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/964,412  
FILING DATE: 28-Sep-2001

CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Esmond, Robert W.  
REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 0609.4370000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-09-964-412-10

Query Match 2.6%; Score 26; DB 1; Length 26;  
Best Local Similarity 100.0%; Pred. No. 2.1e+02;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 GTAGCTGGACCAAGACATGCACCA 580  
DB 26 GTAGCTGGACCAAGACATGCACCA 1

RESULT 93  
US-09-964-667-10/c

Sequence 10, Application US/09964667  
Publication No. US20030033621A1

GENERAL INFORMATION:

APPLICANT: de la Monte, Suzanne

Wands, Jack R.

TITLE OF INVENTION: Transgenic Animals and Cell Lines for  
Screening Drugs Effective for the Treatment or Prevention  
of Alzheimer's Disease

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESSES:

ADDRESS: Sterne, Kessler, Goldstein & Fox, P.L.L.C.

STREET: 1100 New York Ave., Suite 600

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005-3934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/964,667

FILING DATE: 28-Sep-2001

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Remond, Robert W.

REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 0609.4370000

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 26 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 10:

Query Match 2.6%; Score 26; DB 1; Length 26;  
Best Local Similarity 100.0%; Pred. No. 2.1e+02;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 GTAGCTGGACCAAGACATGCACCA 580  
DB 26 GTAGCTGGACCAAGACATGCACCA 1

RESULT 94

US-09-964-678A-10/c

Sequence 10, Application US/09964678A  
Publication No. US2003006097A1

GENERAL INFORMATION:

APPLICANT: de la Monte, Suzanne

Wands, Jack R.

TITLE OF INVENTION: Transgenic Animals and Cell Lines for Screening Drugs  
Effective for the Treatment or Prevention of  
Alzheimer's Disease

FILE REFERENCE: 0609.4370002

CURRENT APPLICATION NUMBER: US/09/964,678A

CURRENT FILING DATE: 2001-09-28

PRIOR APPLICATION NUMBER: 09/360,203

PRIOR FILING DATE: 2000-04-25

PRIOR APPLICATION NUMBER: PCT/US98/03685

PRIOR FILING DATE: 1998-02-26

PRIOR APPLICATION NUMBER: 60/038,908

PRIOR FILING DATE: 1997-02-26

NUMBER OF SEQ ID NOS: 14

SOFTWARE: Patentin version 3.1

SEQ ID NO 10

LENGTH: 26

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense oligonucleotide

Query Match 2.6%; Score 26; DB 1; Length 26;  
Best Local Similarity 100.0%; Pred. No. 2.1e+02;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 GTAGCTGGACCAAGACATGCACCA 580  
DB 26 GTAGCTGGACCAAGACATGCACCA 1

RESULT 95  
US-10-336-638-161/c

Sequence 161, Application US/10336638

Publication No. US20030170699A1

GENERAL INFORMATION:

APPLICANT: Fan, Jian Bing

APPLICANT: Chakravarti, Aravinda

APPLICANT: Halushka, Marc Kenneth

APPLICANT: Case Western Reserve University School of Medicine

APPLICANT: Affymetrix, Inc.

TITLE OF INVENTION: Polymorphisms Associated With

FILE REFERENCE: 018547-034210US

CURRENT APPLICATION NUMBER: US/10/336,638

CURRENT FILING DATE: 2003-01-02

PRIOR APPLICATION NUMBER: US/09/304,232

PRIOR FILING DATE: 1999-05-03

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641

PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07

NUMBER OF SEQ ID NOS: 909

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 161

LENGTH: 29

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: APOC1EX1 1411

Query Match 2.6%; Score 26; DB 1; Length 29;  
Best Local Similarity 92.9%; Pred. No. 2.3e+02;  
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 690 CTTCCCGGTTCAAGTATTCCTCCGCGC 717  
DB 29 CTTCCCGGTTCAAGTATTCCTCCGCGC 2

RESULT 96

```
US-10-336-638-193
; Sequence 193, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 193
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 1150
US-10-336-638-193

Query Match
Best Local Similarity 92.9%; Pred. No. 2.3e+02;
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 860 AAGTCTGGGATTCAGAGCGGTGAGCCAC 887
DB 1 AAGTCTAGGATTAAGCGCTGAGCCAC 28

RESULT 97
US-10-336-638-863
; Sequence 863, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 863
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: TBXA2REX3 953
US-10-336-638-863

Query Match
Best Local Similarity 92.9%; Pred. No. 2.3e+02;
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATTCCTCTGCTCAGCCTCC 1027
DB 2 TCAAGCATTCCTCTGCTCAGCCTCC 29
```

```
RESULT 98
US-10-085-906-89/C
; Sequence 89, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5143CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 89
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-89

Query Match
Best Local Similarity 93.1%; Pred. No. 2.5e+02;
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 869 GATTACAGCGGTGAGCCACACGCCCGC 897
DB 30 GATTACAGCATGAGCCACACGCCCTGC 2

RESULT 99
US-10-092-885-53/C
; Sequence 53, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; PRIOR FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-53

Query Match
Best Local Similarity 87.5%; Pred. No. 2.7e+02;
Matches 28; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 778 TTTTAGTAGAGGAGGTTCCAGCATTTGCC 809
DB 32 TTTTAGTAGAGAGGAGGTTGCCATTTGCC 1

RESULT 100
US-10-336-638-184/C
; Sequence 184, Application US/10336638
```

Publication No. US20030170699A1  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/10/336,638  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 184  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC3 1931  
US-10-336-638-184

Query Match 2.6%; Score 25.4; DB 1; Length 29;  
Best Local Similarity 89.7%; Pred. No. 2.5e+02;  
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 675 TCACGCAACCTGCTCCCGGTTCAA 703  
DB 29 TCACGCAACCTGCTCCCGGTTCAA 1

RESULT 101  
US-10-336-638-195  
Sequence 195, Application US/10336638  
Publication No. US20030170699A1  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/10/336,638  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 195  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC4 1281  
US-10-336-638-195

Query Match 2.6%; Score 25.4; DB 1; Length 29;  
Best Local Similarity 89.7%; Pred. No. 2.5e+02;  
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 843 CCTGCTGGGCTCCCAAGTCTGGGAT 871  
DB 1 CCGGCTTGGCTTCYCAAGTCTGGGAT 29

RESULT 102  
US-10-336-638-217  
Sequence 217, Application US/10336638  
Publication No. US20030170699A1  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/10/336,638  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 217  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC4 931  
US-10-336-638-217

Query Match 2.6%; Score 25.4; DB 1; Length 29;  
Best Local Similarity 89.7%; Pred. No. 2.5e+02;  
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 644 CCAGCTGAGTGCAGTGGCCATCTTG 672  
DB 1 CCAGCTGAGTGCAGTGGCCATCTTG 29

RESULT 103  
US-10-336-638-265/c  
Sequence 265, Application US/10336638  
Publication No. US20030170699A1  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/10/336,638  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 265  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: BIR 2954  
US-10-336-638-265

Query Match 2.6%; Score 25.4; DB 1; Length 29;  
Best Local Similarity 89.7%; Pred. No. 2.5e+02;  
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 670 TTGGCTCACTGCAACCTGCTCCCGG 698  
1 TTGGCTCACTGCAACCTGCTCCCGG 29

Db 29 TTGCTCACTGCAASCTCCGCTCTCGG 1

RESULT 104

US-10-336-638-699  
 / Sequence 699, Application US/10336638  
 / Publication No. US20030170699A1  
 / GENERAL INFORMATION:  
 / APPLICANT: Pan, Jian Bing  
 / APPLICANT: Chakravarti, Aravinda  
 / APPLICANT: Halushka, Marc Kenneth  
 / APPLICANT: Case Western Reserve University School of Medicine  
 / APPLICANT: Affymetrix, Inc.  
 / TITLE OF INVENTION: Polymorphisms Associated with  
 / FILE REFERENCE: 018547-034210US  
 / CURRENT APPLICATION NUMBER: US/10/336,638  
 / PRIOR FILING DATE: 2003-01-02  
 / PRIOR APPLICATION NUMBER: US/09/304,232  
 / PRIOR FILING DATE: 1999-05-03  
 / PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
 / PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
 / NUMBER OF SEQ ID NOS: 909  
 / SOFTWARE: FastSeq for Windows Version 3.0  
 / SEQ ID NO 699  
 / LENGTH: 29  
 / TYPE: DNA  
 / ORGANISM: Artificial Sequence  
 / FEATURE:  
 / OTHER INFORMATION: PGISEX10 3022  
 US-10-336-638-699

Query Match 2.6%; Score 25.4; DB 1; Length 29;  
 Best Local Similarity 89.7%; Pred. No. 2.5e+02;  
 Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 674 CTCACCTGCAACCTCTGCTCCCGGTTCA 702  
 Db 1 CTCACCTGCAACCTCTGCTCCCGGTTCA 29

RESULT 105  
 US-10-336-638-712  
 / Sequence 712, Application US/10336638  
 / Publication No. US20030170699A1  
 / GENERAL INFORMATION:  
 / APPLICANT: Pan, Jian Bing  
 / APPLICANT: Chakravarti, Aravinda  
 / APPLICANT: Halushka, Marc Kenneth  
 / APPLICANT: Case Western Reserve University School of Medicine  
 / APPLICANT: Affymetrix, Inc.  
 / TITLE OF INVENTION: Polymorphisms Associated with  
 / FILE REFERENCE: 018547-034210US  
 / CURRENT APPLICATION NUMBER: US/10/336,638  
 / PRIOR FILING DATE: 2003-01-02  
 / PRIOR APPLICATION NUMBER: US/09/304,232  
 / PRIOR FILING DATE: 1999-05-03  
 / PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
 / PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
 / NUMBER OF SEQ ID NOS: 909  
 / SOFTWARE: FastSeq for Windows Version 3.0  
 / SEQ ID NO 712  
 / LENGTH: 29  
 / TYPE: DNA  
 / ORGANISM: Artificial Sequence  
 / FEATURE:  
 / OTHER INFORMATION: PGISEX10 3651  
 US-10-336-638-712

Query Match 2.6%; Score 25.4; DB 1; Length 29;  
 Best Local Similarity 89.7%; Pred. No. 2.5e+02;  
 Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 869 GATTACAGGCGTGAACCAACGCCCCGC 897  
 Db 1 GATTACAGGCGTGAACCAACGCCCCGC 29

RESULT 106

US-10-336-638-845  
 / Sequence 845, Application US/10336638  
 / Publication No. US20030170699A1  
 / GENERAL INFORMATION:  
 / APPLICANT: Pan, Jian Bing  
 / APPLICANT: Chakravarti, Aravinda  
 / APPLICANT: Halushka, Marc Kenneth  
 / APPLICANT: Case Western Reserve University School of Medicine  
 / APPLICANT: Affymetrix, Inc.  
 / TITLE OF INVENTION: Polymorphisms Associated with  
 / FILE REFERENCE: 018547-034210US  
 / CURRENT APPLICATION NUMBER: US/10/336,638  
 / PRIOR FILING DATE: 2003-01-02  
 / PRIOR APPLICATION NUMBER: US/09/304,232  
 / PRIOR FILING DATE: 1999-05-03  
 / PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
 / PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
 / NUMBER OF SEQ ID NOS: 909  
 / SOFTWARE: FastSeq for Windows Version 3.0  
 / SEQ ID NO 845  
 / LENGTH: 29  
 / TYPE: DNA  
 / ORGANISM: Artificial Sequence  
 / FEATURE:  
 / OTHER INFORMATION: TBXA2REX1B 130  
 US-10-336-638-845

Query Match 2.6%; Score 25.4; DB 1; Length 29;  
 Best Local Similarity 89.7%; Pred. No. 2.5e+02;  
 Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1017 CTCAGCCTCCCAAGCAGCTGGATTACG 1045  
 Db 1 CTCAGCCTCCCAAGCAGCTGGATTACG 29

RESULT 107  
 US-10-085-906-77  
 / Sequence 77, Application US/10085906  
 / Publication No. US20030054371A1  
 / GENERAL INFORMATION:  
 / APPLICANT: Ying, Vincent  
 / APPLICANT: Wu, Paul  
 / APPLICANT: Gray, Gary S.  
 / TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
 / FILE REFERENCE: GNN-5343CP2  
 / CURRENT APPLICATION NUMBER: US/10/085,906  
 / PRIOR FILING DATE: 2002-02-27  
 / PRIOR APPLICATION NUMBER: US 60/126,215  
 / PRIOR FILING DATE: 1999-03-25  
 / PRIOR APPLICATION NUMBER: US 09/534,061  
 / PRIOR FILING DATE: 2000-03-24  
 / PRIOR APPLICATION NUMBER: PCT/US00/07938  
 / PRIOR FILING DATE: 2000-03-24  
 / NUMBER OF SEQ ID NOS: 545  
 / SOFTWARE: FastSeq for Windows Version 4.0  
 / SEQ ID NO 77  
 / LENGTH: 30  
 / TYPE: DNA  
 / ORGANISM: Homo sapiens  
 / OTHER INFORMATION: PGISEX10 3651  
 US-10-085-906-77

Query Match 2.5%; Score 25.2; DB 1; Length 30;  
 Best Local Similarity 90.0%; Pred. No. 2.7e+02;

Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 179 AGTAGAGTGGATTCTTCCTGATGTTGCA 208  
Db 1 AGTAGAGTGGGGTTTCACCAATGTTGCA 30

RESULT 108  
US-09-837-149-4  
; Sequence 4, Application US/09837149  
; Publication No. US2001004667A1  
; GENERAL INFORMATION:  
; APPLICANT: Cloyd, Miles W.  
; APPLICANT: Yeh, Chi-Cheng M.  
; APPLICANT: Chen, Jianmin  
; TITLE OF INVENTION: PCR-Hybridization Assays Specific for  
; TITLE OF INVENTION: Integrated Retroviruses  
; FILE REFERENCE: D6285  
; CURRENT APPLICATION NUMBER: US/09/837.149  
; CURRENT FILING DATE: 2001-04-18  
; PRIOR APPLICATION NUMBER: US 60/198,884  
; PRIOR FILING DATE: 2000-04-19  
; NUMBER OF SEQ ID NOS: 4  
; SEQ ID NO: 4  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: primer  
; OTHER INFORMATION: primer for the Alu sequence in the human  
US-09-837-149-4

Query Match 2.5%; Score 25; DB 1; Length 25;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 382 GCCTCCCAAGTCTGGATTACAG 406  
Db 1 GCCTCCCAAGTCTGGATTACAG 25

RESULT 109  
US-09-992-665-179  
; Sequence 179, Application US/09992665  
; Publication No. US20030092009A1  
; GENERAL INFORMATION:  
; APPLICANT: Kaia Palm  
; TITLE OF INVENTION: PROFILING TUMOR SPECIFIC MARKERS FOR THE  
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE  
; FILE REFERENCE: CEMINES.002A  
; CURRENT APPLICATION NUMBER: US/09/992,665  
; CURRENT FILING DATE: 2001-11-13  
; PRIOR APPLICATION NUMBER: 60/249,508  
; PRIOR FILING DATE: 2000-11-16  
; NUMBER OF SEQ ID NOS: 380  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO: 179  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Probe  
US-09-992-665-179

Query Match 2.5%; Score 25; DB 1; Length 25;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 858 CAAAGTCTGGATTACAGGCGTGA 882  
Db 1 CAAAGTCTGGATTACAGGCGTGA 25

RESULT 110  
US-10-336-638-185/c  
; Sequence 185, Application US/10336638  
; Publication No. US20030170699A1  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Hainshka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated with  
; TITLE OF INVENTION: Hypertension  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/10/336,638  
; CURRENT FILING DATE: 2003-01-02  
; PRIOR APPLICATION NUMBER: US/09/304,232  
; PRIOR FILING DATE: 1999-05-03  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO: 185  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: APOC3 1975  
US-10-336-638-185

Query Match 2.5%; Score 24.6; DB 1; Length 29;  
Best Local Similarity 96.0%; Pred. No. 2.8e+02;  
Matches 24; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 635 CTCGTGACCCAGCGTGGAGTGCAG 659  
Db 25 CTCGTGACCCAGCGTGGAGTGCAG 1

RESULT 111  
US-10-085-906-144  
; Sequence 144, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Wu, Vincent  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT APPLICATION NUMBER: US/10/085,906  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 09/534,061  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO: 144  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-144

Query Match 2.5%; Score 24.4; DB 1; Length 26;  
Best Local Similarity 96.2%; Pred. No. 2.6e+02;  
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 594 ATTTTATTTTATTTTATTTTATTTT 619  
Db 1 ATTTTATTTTATTTTATTTTATTTT 26

RESULT 112  
US-10-336-638-194  
; Sequence 194, Application US/10336638  
; Publication No. US20030170699A1  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/10/336,638  
; PRIOR FILING DATE: 2003-01-02  
; PRIOR APPLICATION NUMBER: US/09/304,232  
; PRIOR FILING DATE: 1999-05-03  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 194  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: APOC4 1246  
US-10-336-638-194

Query Match 2.5%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 2.9e+02;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1112 AGCGTGTCTCAACTCTGACCTCAGG 1139  
DB 1 AGCGTGTCTCTGAAMTCCTGACCTCAGG 28

RESULT 113  
US-10-336-638-200/c  
; Sequence 200, Application US/10336638  
; Publication No. US20030170699A1  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/10/336,638  
; PRIOR FILING DATE: 2003-01-02  
; PRIOR APPLICATION NUMBER: US/09/304,232  
; PRIOR FILING DATE: 1999-05-03  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 200  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: APOC4 1587  
US-10-336-638-200

Query Match 2.5%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 2.9e+02;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1000 TCAAGGATTCCTCTGCTCAGCTCCC 1027  
DB 29 TCAAGGATTCCTCTGCTCAGCTCCC 2

RESULT 114  
US-10-336-638-514  
; Sequence 514, Application US/10336638  
; Publication No. US20030170699A1  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/10/336,638  
; PRIOR FILING DATE: 2003-01-02  
; PRIOR APPLICATION NUMBER: US/09/304,232  
; PRIOR FILING DATE: 1999-05-03  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 514  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: GLUT4EX11 963  
US-10-336-638-514

Query Match 2.5%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 2.9e+02;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 821 GATCTCTGACCTTGTGATCTGCTGCC 848  
DB 2 GATCTCTGACCTTGTGATCTGCTGCC 29

RESULT 115  
US-10-336-638-569  
; Sequence 569, Application US/10336638  
; Publication No. US20030170699A1  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/10/336,638  
; PRIOR FILING DATE: 2003-01-02  
; PRIOR APPLICATION NUMBER: US/09/304,232  
; PRIOR FILING DATE: 1999-05-03  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 569  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: HSTSGENE 3710  
US-10-336-638-569

Query Match 2.5%; Score 24.4; DB 1; Length 29;

Best Local Similarity 89.3%; Pred. No. 2.9e+02;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1032 AGCTGGATTACGGGACCTGCCACAC 1059

Db 2 AGCTGGATTACAGCACCTGCATCAC 29

## RESULT 116

US-10-336-638-589/c  
Sequence 589, Application US/10336638  
Publication No. US20030170699A1

## GENERAL INFORMATION:

APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/10/336,638  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/09/304,232  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 589

LENGTH: 29

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: LAPPEX3 848

US-10-336-638-589

Query Match 2.5%; Score 24.4; DB 1; Length 29;

Best Local Similarity 89.3%; Pred. No. 2.9e+02;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 927 GAATCTCACTCTGTATCCAGGCTGAG 954

Db 28 GAGTCTCACTCTGTATCCAGGCTGAG 1

## RESULT 117

US-10-336-638-707  
Sequence 707, Application US/10336638  
Publication No. US20030170699A1

## GENERAL INFORMATION:

APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/10/336,638  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/09/304,232  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 707

LENGTH: 29

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PGISEX10 3217

US-10-336-638-707

Query Match 2.5%; Score 24.4; DB 1; Length 29;

Best Local Similarity 89.3%; Pred. No. 2.9e+02;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 867 GGGATTACAGGCGTGACCCACGCGCC 894

Db 1 GGGATTACAGGCGTGATACCCGCGCGCC 28

## RESULT 118

US-10-431-791-5/c  
Sequence 5, Application US/10431791  
Publication No. US20030235874A1

## GENERAL INFORMATION:

APPLICANT: Kao, Chinghai  
APPLICANT: Lee, Sang-Jin  
APPLICANT: Kim, Hong-Sup  
APPLICANT: Lee, KangRyul  
APPLICANT: Yu, Rong  
TITLE OF INVENTION: Prostate-Specific Chimeric Enhancers and  
TITLE OF INVENTION: Methods of Use Thereof  
FILE REFERENCE: 1857-ARL-02220US  
CURRENT APPLICATION NUMBER: US/10/431,791  
CURRENT FILING DATE: 2003-05-08  
PRIOR APPLICATION NUMBER: 60/378,920  
PRIOR FILING DATE: 2002-05-08  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 5

LENGTH: 30

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

US-10-431-791-5

Query Match 2.5%; Score 24.4; DB 1; Length 30;

Best Local Similarity 96.2%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;

Qy 673 GCTGCTGCAACCTCTGCTCCGCGG 698

Db 30 GCTGCTGCAACCTCTGCTCCGCGG 5

## RESULT 119

US-10-336-638-78/c  
Sequence 78, Application US/10336638  
Publication No. US20030170699A1

## GENERAL INFORMATION:

APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/10/336,638  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/09/304,232  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 78

LENGTH: 29

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:



OTHER INFORMATION: ABLX20 1628  
US-10-336-638-78

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 3.2e+02;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 670 TTGGCTCACTGCACCTCTGCTCCGCGG 698  
DB 29 TTGGCTCACTGCACCTCTGCTCCGCGG 1

RESULT 120

US-10-336-638-156  
Sequence 156, Application US/10336638  
Publication No. US20030170699A1  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/09/304,232  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 156  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC1EX1 1020  
US-10-336-638-156

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 3.2e+02;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1073 TTGATTTTCATAGAGCGGGGTTTCAC 1101  
DB 1 TTGATTTTCATAGAGCGGGGTTTCAC 29

RESULT 121

US-10-336-638-507  
Sequence 507, Application US/10336638  
Publication No. US20030170699A1  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/09/304,232  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 507  
LENGTH: 29

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: GLUT4EX11 872  
US-10-336-638-507

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 3.2e+02;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1034 CTGGATTACGGGCACTGCGCACACACC 1062  
DB 1 CTGGATTACGGGCACTGCGCACACACC 29

RESULT 122

US-10-336-638-686/c  
Sequence 686, Application US/10336638  
Publication No. US20030170699A1  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/09/304,232  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 686  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PGISX10 1505  
US-10-336-638-686

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 3.2e+02;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 177 TTGATGATGAGCTTCTCCATGTTGG 205  
DB 29 TTGATGATGAGCTTCTCCATGTTGG 1

RESULT 123

US-10-336-638-702  
Sequence 702, Application US/10336638  
Publication No. US20030170699A1  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/09/304,232  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909

```

; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 702
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 3082
US-10-336-638-702

Query Match          2.4%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 3.2e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      1034 CTGGATTACGGGCGCCGACCAACACACC 1062
Db      1 CTGGACTACAGGCGCCGACCAACACACC 29

RESULT 124
US-10-336-638-860
; Sequence 860, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 860
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: TBXA2REX3 701
US-10-336-638-860

Query Match          2.4%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 3.2e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      876 GGGTGAGCCACCGCCGGCTTAATTTT 904
Db      1 GGCGCGCGCACCAACGCGGCTAATTTT 29

RESULT 125
US-10-336-638-861
; Sequence 861, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
```

```

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 861
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: TBXA2REX3 904
US-10-336-638-861

Query Match          2.4%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 3.2e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      650 TGGAGTCACTGGCGCAATCTTGCTCAC 678
Db      1 TGGAGTCACTGGCGCAATCTTGCTCAC 29

RESULT 126
US-10-336-638-862
; Sequence 862, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 862
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: TBXA2REX3 906
US-10-336-638-862

Query Match          2.4%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 3.2e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      652 GAGTGCACTGGCGCAATCTTGCTCACTG 680
Db      1 GAGTCACTGGCGCAATCTTGCTCACTG 29

RESULT 127
US-09-888-056A-15
; Sequence 15, Application US/09888056A
; Publication No. US20030124524A1
; GENERAL INFORMATION:
; APPLICANT: DUFF, GORDON W.
; APPLICANT: KORNMAN, KENNETH S.
; TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING MODULATORS OF THE
; TITLE OF INVENTION: INFLAMMATORY OR IMMUNE RESPONSE
; FILE REFERENCE: MSA-023 01
; CURRENT APPLICATION NUMBER: US/09/888,056A
; PRIOR FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: 60/213,853
; PRIOR FILING DATE: 2000-06-23
```

```
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-888-056A-15

Query Match          2.4%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 2.9e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 667 GGGATTACAGCGCTGAGCCACG 891
DB 1 GGGATTACAGCGCTGAGCCACGCG 25

RESULT 128
US-10-380-584-114/c
; Sequence 114, Application US/10380584
; Publication No. US20040014088A1
; GENERAL INFORMATION:
; APPLICANT: Uermohlen, Joseph
; APPLICANT: Connaughton, John
; TITLE OF INVENTION: Oligonucleotide Sequence Formula for Labeling Oligonucleotide Pro
; FILE REFERENCE: 355/001/PCR
; CURRENT APPLICATION NUMBER: US/10/380,584
; CURRENT FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: 60/233,177
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 126
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 114
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide probe
US-10-380-584-114

Query Match          2.4%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 2.9e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 672 GGCTACTGCAACTCTGCTCCCG 696
DB 25 GGCTACTGCAACTCTGCTCCCG 1

RESULT 129
US-10-440-066-18/c
; Sequence 18, Application US/10440066
; Publication No. US20030180256A1
; GENERAL INFORMATION:
; APPLICANT: Hirata, Yuichi
; TITLE OF INVENTION: CYTOKINE-LIKE PROTEINS THAT PROMOTE CELL PROLIFERATION
; FILE REFERENCE: 06501-067001
; CURRENT APPLICATION NUMBER: US/10/440,066
; CURRENT FILING DATE: 2003-05-15
; PRIOR APPLICATION NUMBER: US/09/687,637
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: PCT/JP99/01997
; PRIOR FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: JP 10/121805
; PRIOR FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 27
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificially synthesized primer sequence
US-10-440-066-18

Query Match          2.4%; Score 23.4; DB 1; Length 27;
Best Local Similarity 96.0%; Pred. No. 3.1e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 537 CCTGCTCAGCCTCCCAAGTAGCTG 561
DB 27 CCTGCTCAGCCTCCCAAGTAGCTG 3

RESULT 130
US-10-198-069-38
; Sequence 38, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-38

Query Match          2.4%; Score 23.4; DB 1; Length 28;
Best Local Similarity 96.0%; Pred. No. 3.2e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 CCTGACTAGTGGAGTACAGGCGC 749
DB 4 CCTGACTAGTGGAGTACAGGCGC 28

RESULT 131
US-10-336-638-210/c
; Sequence 210, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated with
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
```



Db 24 CTGACCTTGATCTGCTGCTT 1

## RESULT 134

US-09-964-412-6/c  
Sequence 6, Application US/09964412

Patent No. US2002012931A1

GENERAL INFORMATION:

APPLICANT: de la Monte, Suzanne

Manda, Jack R.

TITLE OF INVENTION: Transgenic Animals and Cell Lines for  
Screening Drugs Effective for the Treatment or Prevention  
of Alzheimer's Disease

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.

STREET: 1100 New York Ave., Suite 600

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005-3934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/964,412

FILING DATE: 28-Sep-2001

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Esmond, Robert W.

REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 0609.4370000

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-964-412-6

Query Match 2.3%; Score 22.4; DB 1; Length 24;

Best Local Similarity 95.8%; Pred. No. 3.2e+02;

Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 826 CTGACCTTGATCTGCTGCTT 849

DB 24 CTGACCTTGATCTGCTGCTT 1

## RESULT 135

US-09-964-667-6/c

Sequence 6, Application US/09964667

Publication No. US20030033621A1

GENERAL INFORMATION:

APPLICANT: de la Monte, Suzanne

Manda, Jack R.

TITLE OF INVENTION: Transgenic Animals and Cell Lines for  
Screening Drugs Effective for the Treatment or Prevention  
of Alzheimer's Disease

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.

STREET: 1100 New York Ave., Suite 600

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005-3934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/964,667

FILING DATE: 28-Sep-2001

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Esmond, Robert W.

REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 0609.4370000

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-964-667-6

Query Match 2.3%; Score 22.4; DB 1; Length 24;

Best Local Similarity 95.8%; Pred. No. 3.2e+02;

Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 826 CTGACCTTGATCTGCTGCTT 849

DB 24 CTGACCTTGATCTGCTGCTT 1

## RESULT 136

US-09-861-925-55

Sequence 55, Application US/09861925

Publication No. US20030064426A1

GENERAL INFORMATION:

APPLICANT: Chang, Bey-Dih

APPLICANT: Roninson, Igor

TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF

FILE REFERENCE: 99/216-F

CURRENT APPLICATION NUMBER: US/09/861,925

PRIOR FILING DATE: 2001-05-21

PRIOR APPLICATION NUMBER: US 60/

NUMBER OF SEQ ID NOS: 77

SOFTWARE: Patentin version 3.0

SEQ ID NO 55

LENGTH: 24

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc feature

OTHER INFORMATION: Sense primer for PSF promoter

US-09-861-925-55

Query Match 2.3%; Score 22.4; DB 1; Length 24;

Best Local Similarity 95.8%; Pred. No. 3.2e+02;

Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 859 AAGTCTGGGATTACAGGCGTGA 882

DB 1 AAGTCTGGGATTACAGGCGTGA 24

## RESULT 137

US-09-964-678A-6/c

Sequence 6, Application US/09964678A

```
Publication No. US20030066097A1
GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
APPLICANT: Wands, Jack R.
TITLE OF INVENTION: Transgenic Animals and Cell Lines for Screening Drugs
TITLE OF INVENTION: Effective for the Treatment or Prevention of
FILE REFERENCE: 0609.4370002
CURRENT APPLICATION NUMBER: US/09/964,678A
CURRENT FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: 09/380,203
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: PCT/US98/03685
PRIOR FILING DATE: 1998-02-26
PRIOR APPLICATION NUMBER: 60/038,908
PRIOR FILING DATE: 1997-02-26
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: AD7C-NTP oligonucleotide
US-09-964-678A-6

Query Match      2.3%  Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 3.2e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      826 CTGACCTGTGATCTGCCTGCT 849
DB      24 CTGACCTGTGATCTGCCTGCT 1

RESULT 138
US-10-323-463-12/c
Sequence 12, Application US/10323463
Publication No. US20030157693A1
GENERAL INFORMATION:
APPLICANT: VERDIN, ERIC
APPLICANT: JORDAN, ALBERT
TITLE OF INVENTION: CELL LINES WITH LATENT IMMUNODEFICIENCY
TITLE OF INVENTION: VIRUS AND METHODS OF USE THEREOF
FILE REFERENCE: UCAL-261
CURRENT APPLICATION NUMBER: US/10/323,463
CURRENT FILING DATE: 2002-12-18
PRIOR APPLICATION NUMBER: US 60/341,727
PRIOR FILING DATE: 2001-12-19
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 12
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-323-463-12

Query Match      2.3%  Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 3.2e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      541 CCTGAGCTCCCAAGTAAGTGGGA 564
DB      24 CCTGAGCTCCCAAGTAAGTGGGA 1

RESULT 139
US-10-233-032A-55
Sequence 55, Application US/10233032A
Publication No. US20030157704A1
GENERAL INFORMATION:
```

```
APPLICANT: Poole, Jason
APPLICANT: Robinson, Igor
APPLICANT: Chang, Bey-Dih
TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING
TITLE OF INVENTION: EXPRESSION OF GENES REGULATED BY CDK INHIBITORS
FILE REFERENCE: 01-1156-A
CURRENT APPLICATION NUMBER: US/10/233,032A
CURRENT FILING DATE: 2003-02-12
PRIOR APPLICATION NUMBER: US 09/861,925
PRIOR FILING DATE: 2002-05-21
PRIOR APPLICATION NUMBER: US 60/265,840
PRIOR FILING DATE: 2002-02-01
NUMBER OF SEQ ID NOS: 84
SOFTWARE: PatentIn version 3.0
SEQ ID NO 55
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Sense primer for PSF promoter
US-10-233-032A-55

Query Match      2.3%  Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 3.2e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      859 AAAGTGTGGATACAGCGCTGA 882
DB      1 AAAGTGTGGATACAGCGCTGA 24

RESULT 140
US-10-745-377-14
Sequence 14, Application US/10745377
Publication No. US20040137423A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Pimstone, Simon
APPLICANT: Brooke-Wilson, Angela R.
APPLICANT: Clee, Suzanne M.
TITLE OF INVENTION: Compositions and Methods for Modulating
TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
FILE REFERENCE: 760050-109
CURRENT APPLICATION NUMBER: US/10/745,377
CURRENT FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: 09/654,323
PRIOR FILING DATE: 2000-09-01
PRIOR APPLICATION NUMBER: US 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: US 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: US 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: US 60/151,977
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: US 60/213,958
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 256
SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
SEQ ID NO 14
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Sense primer for PSF promoter
US-10-745-377-14

Query Match      2.3%  Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 3.2e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      208 AGGTGTCTCGAACTCCGACT 231
```

Db 1 AGCGTGTCTCGAAGCTCTGACT 24

## RESULT 141

US-09-242-772-2  
Sequence 2, Application US/09242772  
Publication No. US2002009720A1  
GENERAL INFORMATION:  
APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnologie  
TITLE OF INVENTION: Plag gene family and tumorigenesis  
FILE REFERENCE: VIB-011-US  
CURRENT APPLICATION NUMBER: US/09/242,772  
CURRENT FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: EP 96202229.6  
PRIOR FILING DATE: 1996-08-22  
PRIOR APPLICATION NUMBER: EP 97200130.9  
PRIOR FILING DATE: 1997-01-17  
PRIOR APPLICATION NUMBER: PCT/EP97/04759  
PRIOR FILING DATE: 1997-08-22  
NUMBER OF SEQ ID NOS: 139  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO: 2  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: primer  
NAME/KEY: misc\_feature  
OTHER INFORMATION: antisense primer alu PCR  
US-09-242-772-2

Query Match 2.2%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGCGATTACAG 406  
Db 1 TCCCAAGTCTGCGATTACAG 22

## RESULT 142

US-09-964-666-5  
Sequence 5, Application US/09964666  
Patent No. US20020104108A1  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
Wands, Jack R.

TITLE OF INVENTION: Transgenic Animals and Cell Lines for  
Screening Drugs Effective for the Treatment or Prevention  
of Alzheimer's Disease

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
STREET: 1100 New York Ave., Suite 600  
CITY: Washington  
STATE: DC

COUNTRY: USA  
ZIP: 20005-3934

COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/964,666

FILING DATE: 28-Sep-2001  
CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:  
NAME: Esmond, Robert W.  
REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 0609,4370000

## TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: CDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:

US-09-964-666-5

Query Match 2.2%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 456 TGTCCACTCTTACCCAGATG 477  
Db 1 TGTCCACTCTTACCCAGATG 22

## RESULT 143

US-09-964-412-5  
Sequence 5, Application US/09964412  
Patent No. US20020129391A1  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
Wands, Jack R.

TITLE OF INVENTION: Transgenic Animals and Cell Lines for  
Screening Drugs Effective for the Treatment or Prevention  
of Alzheimer's Disease

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
STREET: 1100 New York Ave., Suite 600  
CITY: Washington  
STATE: DC

COUNTRY: USA  
ZIP: 20005-3934

COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/964,412

FILING DATE: 28-Sep-2001  
CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:  
NAME: Esmond, Robert W.  
REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 0609,4370000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: CDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:

US-09-964-412-5

Query Match 2.2%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 456 TGTCCACTCTTACCCAGATG 477  
Db 1 TGTCCACTCTTACCCAGATG 22

RESULT 144  
US-09-964-667-5  
; Sequence 5, Application US/09964667  
; Publication No. US2003003621A1  
GENERAL INFORMATION:  
; APPLICANT: de la Monte, Suzanne  
; TITLE OF INVENTION: Transgenic Animals and Cell Lines for  
; Screening Drugs Effective for the Treatment or Prevention  
; of Alzheimer's Disease  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
; STREET: 1100 New York Ave., Suite 600  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005-3934  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/964,667  
; FILING DATE: 28-Sep-2001  
CLASSIFICATION: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Eamond, Robert W.  
; REGISTRATION NUMBER: 32,893  
; REFERENCE/DOCKET NUMBER: 0609.4370000  
TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-371-2600  
; TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-964-667-5  
Query Match 2.2%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 456 TGTCCCACTCTTACCAGATG 477  
DB 1 TGTCCCACTCTTACCAGATG 22

RESULT 145  
US-09-964-678A-5  
; Sequence 5, Application US/09964678A  
; Publication No. US2003006097A1  
GENERAL INFORMATION:  
; APPLICANT: de la Monte, Suzanne  
; APPLICANT: Wands, Jack R.  
; TITLE OF INVENTION: Transgenic Animals and Cell Lines for Screening Drugs  
; TITLE OF INVENTION: Effective for the Treatment or Prevention of  
; FILE REFERENCE: 0609.4370002  
CURRENT APPLICATION NUMBER: US/09/964,678A  
; CURRENT FILING DATE: 2001-09-28  
PRIOR APPLICATION NUMBER: 09/380,203  
; PRIOR FILING DATE: 2000-04-25  
PRIOR APPLICATION NUMBER: PCT/US98/03685  
; PRIOR FILING DATE: 1998-02-26  
PRIOR APPLICATION NUMBER: 60/038,908

PRIOR FILING DATE: 1997-02-26  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 5  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: AD7c-NTP oligonucleotide  
US-09-964-678A-5  
Query Match 2.2%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 456 TGTCCCACTCTTACCAGATG 477  
DB 1 TGTCCCACTCTTACCAGATG 22

RESULT 146  
US-10-198-069-39  
; Sequence 39, Application US/10198069  
; Publication No. US20030096756A1  
GENERAL INFORMATION:  
; APPLICANT: AVERBACK, PAUL  
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER  
; CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF  
; FILE REFERENCE: 59003.000009  
CURRENT APPLICATION NUMBER: US/10/198,069  
; CURRENT FILING DATE: 2002-07-19  
PRIOR APPLICATION NUMBER: 60/306,161  
; PRIOR FILING DATE: 2001-07-19  
PRIOR APPLICATION NUMBER: 60/306,150  
; PRIOR FILING DATE: 2001-07-19  
PRIOR APPLICATION NUMBER: 60/331,477  
; PRIOR FILING DATE: 2001-11-16  
NUMBER OF SEQ ID NOS: 48  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 39  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-198-069-39  
Query Match 2.2%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 728 GAGTAGCTGGAGTACAGCGC 749  
DB 1 GAGTAGCTGGAGTACAGCGC 22

RESULT 147  
US-10-085-906-524/c  
; Sequence 524, Application US/10085906  
; Publication No. US20030054371A1  
GENERAL INFORMATION:  
; APPLICANT: Ying, Vincent  
; APPLICANT: Wu, Paul  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
; FILE REFERENCE: GNN-5343CP2  
CURRENT APPLICATION NUMBER: US/10/085,906  
; CURRENT FILING DATE: 2002-02-27  
PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 1999-03-25



PRIOR APPLICATION NUMBER: US 09/534,061  
PRIOR FILING DATE: 2000-03-24  
PRIOR APPLICATION NUMBER: PCT/US00/07938  
PRIOR FILING DATE: 2000-03-24  
NUMBER OF SEQ ID NOS: 545  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 524  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-085-906-524

Query Match 2.2%; Score 22; DB 1; Length 25;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 768 TTTTGTATTTTGTAGTACA 789  
DB 24 TTTTGTATTTTGTAGTACA 3

## RESULT 148

US-10-374-077-30/C  
Sequence 30, Application US/10374077  
Publication No. US20040006779A1  
GENERAL INFORMATION:  
APPLICANT: Fu, Ying-Hui  
Yu, Chang-Bn  
Oshima, Junko  
Mulligan, John T.  
Schellenberg, Gerald D.

TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO  
WERNER'S SYNDROME

NUMBER OF SEQUENCES: 209  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed Intellectual Property Law Group  
STREET: 701 Fifth Avenue, Suite 6300  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA: US/10/374,077  
APPLICATION NUMBER: US/10/374,077  
FILING DATE: 25-Feb-2003  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Roseman, Stephen  
REGISTRATION NUMBER: 43,058  
REFERENCE/DOCKET NUMBER: 100107.401D1  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 30:  
US-10-374-077-30

Query Match 2.2%; Score 21.4; DB 1; Length 23;  
Best Local Similarity 95.7%; Pred. No. 3.6e+02;  
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 383 CTTCCCAAGTGGGATTTACA 405  
DB 23 CTTCCCAAGTGGGATTTACA 1

## RESULT 149

US-09-850-514-37/C  
Sequence 37, Application US/09850514  
Publication No. US20030044786A1  
GENERAL INFORMATION:  
APPLICANT: Rao, Sulekha  
Bloch, Will

TITLE OF INVENTION: Methods For The Reduction Of Stutter In Microsatellite Amplification  
FILE REFERENCE: Ab1-0007  
CURRENT APPLICATION NUMBER: US/09/850,514  
CURRENT FILING DATE: 2001-05-07  
NUMBER OF SEQ ID NOS: 48  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 37  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-09-850-514-37

Query Match 2.2%; Score 21.4; DB 1; Length 24;  
Best Local Similarity 95.7%; Pred. No. 3.7e+02;  
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 966 AATCTGCTCAGCTGCAACTCT 988  
DB 23 AATCTGCTCAGCTGCAACTCT 1

## RESULT 150

US-09-939-853A-111/C  
Sequence 111, Application US/09939853A  
Publication No. US20040039163A1  
GENERAL INFORMATION:  
APPLICANT: Burgess et al.  
TITLE OF INVENTION: No. US20040039163A1 Proteins and Nucleic Acids Encoding Same  
FILE REFERENCE: 21402-099  
CURRENT APPLICATION NUMBER: US/09/939,853A  
CURRENT FILING DATE: 2001-08-27  
PRIOR APPLICATION NUMBER: 60/228,191  
PRIOR FILING DATE: 2000-08-25  
PRIOR APPLICATION NUMBER: 60/267,300  
PRIOR FILING DATE: 2001-02-08  
PRIOR APPLICATION NUMBER: 60/269,961  
PRIOR FILING DATE: 2001-02-20  
PRIOR APPLICATION NUMBER: 60/277,337  
PRIOR FILING DATE: 2001-03-20  
NUMBER OF SEQ ID NOS: 159  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 111  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:  
OTHER INFORMATION: oligonucleotide primer  
US-09-939-853A-111

Query Match 2.1%; Score 21.2; DB 1; Length 26;  
Best Local Similarity 88.5%; Pred. No. 4.1e+02;  
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 CTTCTGCTCAGCTGCAAGTAGCT 560  
DB 26 CTTCTGCTCAGCTGCAAGTAGCT 1

RESULT 151  
US-10-457-839-30/C  
Sequence 30, Application US/10457839

```
Publication No. US20040014115A1
GENERAL INFORMATION:
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Scholl, Thomas
APPLICANT: Hendrickson, Brant C
APPLICANT: Ward, Benjamin
APPLICANT: Pruss, Dmitry
TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
FILE REFERENCE: 3002.03
CURRENT APPLICATION NUMBER: US/10/457,839
CURRENT FILING DATE: 2003-06-09
PRIOR APPLICATION NUMBER: 60/387,132
PRIOR FILING DATE: 2002-06-07
PRIOR APPLICATION NUMBER: 60/402,430
PRIOR FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 93
SOFTWARE: PatentIn version 3.2
SEQ ID NO 30
LENGTH: 26
TYPE: DNA
ORGANISM: Homo sapiens
US-10-457-839-30

Query Match      2.1%; Score 21.2; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 4.1e+02;
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      665 CATTTGGCTCCTGCACTGCACTCTGC 690
DB      26 CGATCTGGGTCACTGGAACCTCTGC 1

RESULT 152
US-10-722-689A-18
Sequence 18, Application US/10722689A
Publication No. US20040191905A1
GENERAL INFORMATION:
APPLICANT: STEVENSON, Mario
APPLICANT: JACQUE, Jean-Marc
TITLE OF INVENTION: MODULATION OF HIV REPLICATION BY RNA
FILE REFERENCE: UMY-034
CURRENT APPLICATION NUMBER: US/10/722,689A
CURRENT FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: 60/428631
PRIOR FILING DATE: 2002-11-22
PRIOR APPLICATION NUMBER: 60/444893
PRIOR FILING DATE: 2003-02-04
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 18
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-722-689A-18

Query Match      2.1%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      863 TCGTGGATTACAGCGCTGAG 883
DB      1 TCGTGGATTACAGCGCTGAG 21

RESULT 153
US-10-786-720-13920/c
Sequence 13920, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13920
LENGTH: 21
TYPE: RNA
ORGANISM: RNA1-antisense strand
US-10-786-720-13920

Query Match      2.1%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      966 AATCTGGCTCCTGCACTGCACT 986
DB      21 AATCTGGCTCCTGCACT 1

RESULT 154
US-10-786-720-13933
Sequence 13933, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13933
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-13933

Query Match      2.1%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      198 CATGTGGTCAAGCTGCTC 218
DB      1 CATGTGGTCAAGCTGCTC 21

RESULT 155
US-10-786-720-20457/c
Sequence 20457, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20457
LENGTH: 21
TYPE: RNA
ORGANISM: RNA1-antisense strand
```

US-10-786-720-20457

Query Match  
Best Local Similarity 2.1%; Score 21; DB 1; Length 21;  
Pred. No. 3.5e+02;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 966 ATCTGGCTCACTGCACTT 986  
DB 21 ATCTGGCTCACTGCACTT 1

RESULT 156

US-10-435-696-244/c  
Sequence 244, Application US/10435696  
Publication No. US20040018525A1  
GENERAL INFORMATION:  
APPLICANT: Wirtz, Ralph  
APPLICANT: Munnes, Marc  
APPLICANT: Kallabis, Harald  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS  
FILE REFERENCE: Lea 36 108  
CURRENT APPLICATION NUMBER: US/10/435,696  
PRIOR FILING DATE: 2003-05-09  
PRIOR APPLICATION NUMBER: EP03003112.4  
PRIOR FILING DATE: 2003-02-13  
PRIOR APPLICATION NUMBER: EP02010291.9  
PRIOR FILING DATE: 2002-05-21  
NUMBER OF SEQ ID NOS: 314  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 244  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: D17614 reverse primer  
NAME/KEY: misc feature  
LOCATION: (1)-(1)  
OTHER INFORMATION: n=a, c, g or t  
US-10-435-696-244

Query Match  
Best Local Similarity 2.1%; Score 21; DB 1; Length 21;  
Pred. No. 3.8e+02;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 667 ATCTGGCTCACTGCACTT 687  
DB 23 ATCTGGCTCACTGCACTT 3

RESULT 157

US-10-010-802-365  
Sequence 365, Application US/10010802  
Publication No. US20030078220A1  
GENERAL INFORMATION:  
APPLICANT: Genesance Pharmaceuticals  
APPLICANT: Chew, Anne  
APPLICANT: Denton, R. Rex  
APPLICANT: Duda, Amy  
APPLICANT: Nandabalan, Krishnan  
APPLICANT: Stephens, J. Claiborne  
APPLICANT: Windemuth, Andreas  
TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin  
TITLE OF INVENTION: 4 Receptor Alpha Gene  
FILE REFERENCE: PMW-0002US2 IL4R alpha  
CURRENT APPLICATION NUMBER: US/10/010,802  
PRIOR FILING DATE: 2001-11-09  
PRIOR APPLICATION NUMBER: PCT/US00/19094  
PRIOR FILING DATE: 2000-07-13  
NUMBER OF SEQ ID NOS: 413  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 365

LENGTH: 24  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-010-802-365

Query Match  
Best Local Similarity 2.1%; Score 20.8; DB 1; Length 24;  
Pred. No. 4e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 AAGCATTTCTCTGTCTGAGCCTC 1025  
DB 1 AAGCATTTCTCTGTCTGAGCCTC 24

RESULT 158  
US-10-196-095-3/c  
Sequence 3, Application US/10196095  
Publication No. US20030158081A1  
GENERAL INFORMATION:  
APPLICANT: March, Ruth E.  
APPLICANT: Thornton, Sarah M.  
TITLE OF INVENTION: CHEMICAL COMPOUNDS  
FILE REFERENCE: 009901/0270771 - AFG/PMW70556/UST  
CURRENT APPLICATION NUMBER: US/10/196,095  
PRIOR FILING DATE: 2002-07-15  
PRIOR APPLICATION NUMBER: US/09/597,835  
PRIOR FILING DATE: 2000-06-19  
PRIOR APPLICATION NUMBER: GB 9914440.4  
PRIOR FILING DATE: 1999-06-22  
NUMBER OF SEQ ID NOS: 54  
SOFTWARE: MS Word  
SEQ ID NO 3  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-196-095-3

Query Match  
Best Local Similarity 2.1%; Score 20.8; DB 1; Length 24;  
Pred. No. 4e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 931 CTCACCTGTGTACCGAGGCTGGAG 954  
DB 24 CTCACCTGTGTACCGAGGCTGGAG 1

RESULT 159  
US-10-196-095-12/c  
Sequence 12, Application US/10196095  
Publication No. US20030158081A1  
GENERAL INFORMATION:  
APPLICANT: March, Ruth E.  
APPLICANT: Thornton, Sarah M.  
TITLE OF INVENTION: CHEMICAL COMPOUNDS  
FILE REFERENCE: 009901/0270771 - AFG/PMW70556/UST  
CURRENT APPLICATION NUMBER: US/10/196,095  
PRIOR FILING DATE: 2002-07-15  
PRIOR APPLICATION NUMBER: US/09/597,835  
PRIOR FILING DATE: 2000-06-19  
PRIOR APPLICATION NUMBER: GB 9914440.4  
PRIOR FILING DATE: 1999-06-22  
NUMBER OF SEQ ID NOS: 54  
SOFTWARE: MS Word  
SEQ ID NO 12  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-196-095-12

Query Match  
Best Local Similarity 2.1%; Score 20.8; DB 1; Length 24;  
Pred. No. 4e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

[illegible]

```

RESULT 160
US-10-269-021B-9
: Sequence 9, Application US/10269021B
: Publication No. US20040009156A1
: GENERAL INFORMATION:
: APPLICANT: Christoph Reinhard
: APPLICANT: Annette Walter
: TITLE OF INVENTION: Antisense Therapy Using Oligonucleotides
: TITLE OF INVENTION: chat Target Human Kinesin Genes for Treatment of Cancer
: FILE REFERENCE: 17460.002
: CURRENT APPLICATION NUMBER: US/10/269,021B
: CURRENT FILING DATE: 2002-10-10
: PRIOR APPLICATION NUMBER: US 60/328,444
: PRIOR FILING DATE: 2001-10-21
: NUMBER OF SEQ ID NOS: 36
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 9
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: human kinesin antisense oligonucleotide
US-10-269-021B-9

```

[illegible]

```

RESULT 161
US-10-269-021B-10
; Sequence 10, Application US/10269021B
; Publication No. US20040009156A1
; GENERAL INFORMATION:
; APPLICANT: Christoph Reinhard
; APPLICANT: Annette Walter
; TITLE OF INVENTION: Antisense therapy Using Oligonucleotides
; TITLE OF INVENTION: that Target Human Kinesin Genes for Treatment of Cancer
; FILE REFERENCE: 17460. 002
; CURRENT APPLICATION NUMBER: US/10/269, 021B
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/328,444
; PRIOR FILING DATE: 2001-10-21
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: human kinesin antisense oligonucleotide
US-10-269-021B-10

```

OY		867	GGATTACAGGCGTGAGCCACCAC	89
Db		1	GGATTACAGGCATGAGCCACCCG	24

RESULT 162  
US-10-452-510-275/c

```

Sequence 275, Application US/10452510
Publication No. US2004000566A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-.93
CURRENT APPLICATION NUMBER: US/10/452,510
CURRENT FILING DATE: 2003-06-02
PRIORITY APPLICATION NUMBER: US 09/526,193
PRIORITY FILING DATE: 2000-03-15
PRIORITY APPLICATION NUMBER: 60/124,702
PRIORITY FILING DATE: 1999-03-15
PRIORITY APPLICATION NUMBER: 60/138,048
PRIORITY FILING DATE: 1999-06-08
PRIORITY APPLICATION NUMBER: 60/139,600
PRIORITY FILING DATE: 1999-06-17
PRIORITY APPLICATION NUMBER: 60/151,977
PRIORITY FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 287
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 275
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-10-452-510-275

```

QY	533	TCCTTCCTGCCTCAGGCTTCCCA	554
Db	22	TTCTCTGCCTCAGGCTTCCCA	1

```

RESULT 163
US-10-617-334-275/C
; Sequence 275, Application US/10617334
; Publication No. US2004005869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OR INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 76050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/118,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/119,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 275
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-275

```

Oy 533 TCCTCCTGCGCTCAGCCTCCCA 55  
| | | | | | | | | | | | |  
Db 22 TTCTCCTGCGCTCAGCCTCCCA 1

```

RESULT 164
US-10-655-579-34
; Sequence 34, Application US/10655579
; Publication No. US20040126789A1
; GENERAL INFORMATION:
; APPLICANT: Park, Kyusung
; APPLICANT: Lee, Jun E.
; TITLE OF INVENTION: Compositions and Methods for Synthesizing Nucleic Acids
; FILE REFERENCE: 0942.5580002
; CURRENT APPLICATION NUMBER: US/10/655,579
; PRIOR FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 60/408,609
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: 60/427,867
; PRIOR FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 34
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Unknown
; OTHER INFORMATION: Tms1-44, forward primer
US-10-655-579-34

Query Match
Best Local Similarity 2.1%; Score 20.4; DB 1; Length 22;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 647 GGCTGAGTGCAGTGGCGCAT 668
DB 1 GGCTGAGTGCAGTGGCGCAT 22

RESULT 165
US-10-744-465-275/c
; Sequence 275, Application US/10744465
; Publication No. US20040157250A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-92
; CURRENT APPLICATION NUMBER: US/10/744,465
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 275
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-744-465-275

Query Match
Best Local Similarity 2.1%; Score 20.4; DB 1; Length 22;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 533 TCCTCTGCTCAGCTCCCAA 554
DB 1 TCCTCTGCTCAGCTCCCAA 554

```

```

DB 22 TTCTCTGCTCAGCTCCCAA 1

RESULT 166
US-10-833-679-275/c
; Sequence 275, Application US/10833679
; Publication No. US20040185508A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-135
; CURRENT APPLICATION NUMBER: US/10/833,679
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: 10/042,510
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 275
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-833-679-275

Query Match
Best Local Similarity 2.1%; Score 20.4; DB 1; Length 22;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 533 TCCTCTGCTCAGCTCCCAA 554
DB 22 TTCTCTGCTCAGCTCCCAA 1

RESULT 167
US-10-010-802-391
; Sequence 391, Application US/1001802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genalesance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
; FILE REFERENCE: MMH-0002US2 114R alpha
; CURRENT APPLICATION NUMBER: US/10/010,802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 391
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-391

```

Query Match 2.1%; Score 20.4; DB 1; Length 23;  
Best Local Similarity 95.5%; Pred. No. 4.1e+02;  
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 578 CCCTACACCTGGCTAATTTT 599  
DB 1 CCACACACCTGGCTAATTTT 22

RESULT 168  
US-09-752-983-242/c

; Sequence 242, Application US/09752983  
; Patent No. US20010016575A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDN2

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/752,983

; FILING DATE: 02-Jan-2001

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/280,805

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 242:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

; US-09-752-983-242

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTGTATCCAGGCTGAGTG 956  
DB 20 CTGTATCCAGGCTGAGTG 1

RESULT 169  
US-09-752-983-266/c

; Sequence 266, Application US/09752983  
; Patent No. US20010016575A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDN2

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/752,983

; FILING DATE: 02-Jan-2001

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/280,805

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 266:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-752-983-266

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 851 GGCTCCCAAGCTGTGGA 870  
DB 20 GGCTCCCAAGCTGTGGA 1

RESULT 170  
US-09-752-983-267/c

; Sequence 267, Application US/09752983  
; Patent No. US20010016575A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDN2

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/752,983

; FILING DATE: 02-Jan-2001

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/280,805

; FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 267:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-752-983-267

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred.No.3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 388 CAAAGTCTGGATTACAGG 407  
DB 20 CAAAGTCTGGATTACAGG 1

RESULT 171  
US-09-923-517-25  
Sequence 25, Application US/09923517  
Publication No. US20020039741A1  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
Mireglla; Brenda F. Baker  
TITLE OF INVENTION: Antisense Oligonucleotide  
Compositions and Methods for the Modulation of  
Activating Protein 1

NUMBER OF SEQUENCES: 139  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/923,517  
FILING DATE: 07-Aug-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/364,416  
FILING DATE: 1999-07-30

ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0209  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454

INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
SEQUENCE DESCRIPTION: SEQ ID NO: 25:  
US-09-923-517-25

Query Match 2.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred.No.3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 843 CCTGCTGGGCTCCCAAG 862  
DB 1 CCTGCTGGGCTCCCAAG 20

RESULT 172  
US-09-733-294A-82  
Sequence 82, Application US/09733294A  
Patent No. US20020045588A1  
GENERAL INFORMATION:  
APPLICANT: Brett P. Morla  
APPLICANT: William Gaarde  
APPLICANT: Susan M. Freiler  
APPLICANT: Edward V. Wanciewicz  
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION  
FILE REFERENCE: ISPH-0527

CURRENT APPLICATION NUMBER: US/09/733,294A  
CURRENT FILING DATE: 2000-12-07  
PRIOR APPLICATION NUMBER: 09/572,423  
PRIOR FILING DATE: 2000-05-16  
NUMBER OF SEQ ID NOS: 108  
SEQ ID NO 82  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-733-294A-82

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred.No.3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 863 TGCTGGATTACAGGCTGA 882  
DB 1 TGCTGGATTACAGGCTGA 20

RESULT 173  
US-09-853-753-4  
Sequence 4, Application US/09853753  
Publication No. US20020182669A1  
GENERAL INFORMATION:  
APPLICANT: Bech-Hansen, Torben  
TITLE OF INVENTION: GPI-Anchored Small Leucine-Rich Proteoglycan Gene NYX  
FILE REFERENCE: 45499-2

CURRENT APPLICATION NUMBER: US/09/853,753  
CURRENT FILING DATE: 2001-05-17  
PRIOR APPLICATION NUMBER: CA 2,306,241  
PRIOR FILING DATE: 2000-05-12  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 4  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
NAME/KEY: misc feature  
LOCATION: (1)..(20)  
OTHER INFORMATION: reverse primer for polymorphism 506B13CA (DXS10042)  
US-09-853-753-4

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred.No.3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTAC 404  
DB 1 TCCCAAGTCTGGATTAC 20

```
RESULT 174
US-10-085-906-302/c
; Sequence 302, Application US/10085906
; Publication No. US20030054371a1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 302
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-302

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      643 CCCAGCTGAGTGCAGTGG 662
Db      20 CCCAGCTGAGTGCAGTGG 1

RESULT 175
US-10-251-699-1/c
; Sequence 1, Application US/10251699
; Publication No. US2003009989A1
; GENERAL INFORMATION:
; APPLICANT: Cherie, Dorra
; TITLE OF INVENTION: FLUORESCENT PROBES FOR CHROMOSOME PAINTING
; FILE REFERENCE: GENSET.069AUS
; CURRENT APPLICATION NUMBER: US/10/251,699
; CURRENT FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US/09/418,804
; PRIOR FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 3
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: primer PCR Alu
US-10-251-699-1

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      643 CCCAGCTGAGTGCAGTGG 662
Db      20 CCCAGCTGAGTGCAGTGG 1

RESULT 176
US-10-002-623-731/c
; Sequence 731, Application US/10002623
```

```
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 731
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-731

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      389 AAAGTCTGGATTACAGGC 408
Db      20 AAAGTCTGGATTACAGGC 1

RESULT 177
US-10-002-623-734/c
; Sequence 734, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 734
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-734

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      389 AAAGTCTGGATTACAGGC 408
Db      20 AAAGTCTGGATTACAGGC 1

RESULT 178
US-10-002-623-894
; Sequence 894, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
```



;; CURRENT FILING DATE: 2001-11-01  
;; PRIOR APPLICATION NUMBER: US 60/245,355  
;; PRIOR FILING DATE: 2000-11-01  
;; NUMBER OF SEQ ID NOS: 952  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 894  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Homo Sapiens  
US-10-002-623-894

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred.No.3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 388 CAAAGTCTGGGATTACAG 407  
DB 1 CAAAGTCTGGGATTACAG 20

RESULT 179  
US-10-002-623-897  
; Sequence 897, Application US/10002623  
; Publication No. US20030134285A1  
; GENERAL INFORMATION:  
; APPLICANT: OEFNER, PETER J.  
; APPLICANT: UNDERHILL, PETER A.  
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC  
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN  
; FILE REFERENCE: STAN-212  
; CURRENT APPLICATION NUMBER: US/10/002,623  
; CURRENT FILING DATE: 2001-11-01  
; PRIOR APPLICATION NUMBER: US 60/245,355  
; PRIOR FILING DATE: 2000-11-01  
; NUMBER OF SEQ ID NOS: 952  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 897  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
US-10-002-623-897

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred.No.3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 388 CAAAGTCTGGGATTACAG 407  
DB 1 CAAAGTCTGGGATTACAG 20

RESULT 180  
US-10-002-623-900  
; Sequence 900, Application US/10002623  
; Publication No. US20030134285A1  
; GENERAL INFORMATION:  
; APPLICANT: OEFNER, PETER J.  
; APPLICANT: UNDERHILL, PETER A.  
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC  
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN  
; FILE REFERENCE: STAN-212  
; CURRENT APPLICATION NUMBER: US/10/002,623  
; CURRENT FILING DATE: 2001-11-01  
; PRIOR APPLICATION NUMBER: US 60/245,355  
; PRIOR FILING DATE: 2000-11-01  
; NUMBER OF SEQ ID NOS: 952  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 900  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo Sapiens

US-10-002-623-900

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred.No.3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 388 CAAAGTCTGGGATTACAG 407  
DB 1 CAAAGTCTGGGATTACAG 20

RESULT 181  
US-10-289-845-13/c  
; Sequence 13, Application US/10289845  
; Publication No. US20030170679A1  
; GENERAL INFORMATION:  
; APPLICANT: Wood, Linda  
; APPLICANT: Wagner, Susanne  
; APPLICANT: Parodi, Luis  
; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1  
; FILE REFERENCE: 00791.US1  
; CURRENT APPLICATION NUMBER: US/10/289,845  
; CURRENT FILING DATE: 2002-11-07  
; NUMBER OF SEQ ID NOS: 51  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 13  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-10-289-845-13

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred.No.3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 387 CCAAGTCTGGGATTACAG 406  
DB 20 CCAAGTCTGGGATTACAG 1

RESULT 182  
US-10-331-907-78  
; Sequence 78, Application US/10331907  
; Publication No. US20030181660A1  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; Hees, John W  
; Caskey, Charles T  
; Cox, Roger D  
; Gerhold, David  
; Hammond, Holly  
; Hey, Patricia  
; Kawaguchi, Yoshihiko  
; Metzman, Tony R  
; Mettzer, Michael L  
; TITLE OF INVENTION: No. US20030181660A1e1 LDL-Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. US20030181660A1ch Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; ZIP: VA 22201-4714  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/331,907

FILING DATE: 31-Dec-2002  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J. Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4091  
TELEFAX: (703) 816-4100  
INFORMATION FOR SEQ ID NO: 78:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 78:  
US-10-331-907-78

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1112 AGCGTGCTCAAACTCCTG 1131  
DB 1 AGCGTGCTCAAACTCCTG 20

RESULT 183  
US-10-430-196-25  
Sequence 25, Application US/10430196  
Publication No. US20030194738A1  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J. Miraglia; Brenda F. Baker  
TITLE OF INVENTION: Antisense Oligonucleotide Compositions and Methods for the Modulation of Activating Protein 1  
NUMBER OF SEQUENCES: 139  
CORRESPONDENCE ADDRESS:  
ADDRESS: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/430,196  
FILING DATE: 05-May-2003  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/923,517A  
FILING DATE: 07-Aug-2001  
APPLICATION NUMBER: 09/364,416  
FILING DATE: 1999-07-30  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0209  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 810-1515

TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
SEQUENCE DESCRIPTION: SEQ ID NO: 25:  
US-10-430-196-25

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 843 CTGCTCGGCTCCCAAG 862  
DB 1 CTGCTCGGCTCCCAAG 20

RESULT 184  
US-10-005-344-242/c  
Sequence 242, Application US/10005344  
Publication No. US20030203862A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia  
APPLICANT: Mark J. Graham  
APPLICANT: Brett P. Monia  
APPLICANT: Erich Koller  
APPLICANT: Mingyi Chiang  
APPLICANT: Mano Manoharan  
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.  
FILE REFERENCE: ISPH-0622  
CURRENT FILING DATE: 2001-12-04  
PRIOR APPLICATION NUMBER: US 09/048,810  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: US 09/280,805  
PRIOR FILING DATE: 1999-03-26  
NUMBER OF SEQ ID NOS: 379  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 242  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-005-344-242

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTGTACCCAGCTGAGTG 956  
DB 20 CTGTACCCAGCTGAGTG 1

RESULT 185  
US-10-005-344-266/c  
Sequence 266, Application US/10005344  
Publication No. US20030203862A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia  
APPLICANT: Pamela Nero  
APPLICANT: Mark J. Graham  
APPLICANT: Brett P. Monia  
APPLICANT: Erich Koller  
APPLICANT: Mingyi Chiang  
APPLICANT: Mano Manoharan  
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.  
FILE REFERENCE: ISPH-0622

```

; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 266
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-266
```

```

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      851 GGCCTCCCAAGTGTGCGA 870
Db      20 GGCCTCCCAAGTGTGCGA 1
```

```

RESULT 186
US-10-005-344-267/c
; Sequence 267, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Kolier
; APPLICANT: Mingyi Chlang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 267
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-267
```

```

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      388 CAAAGTCTGGGATTACAGG 407
Db      20 CAAAGTCTGGGATTACAGG 1
```

```

RESULT 187
US-10-181-875-62
; Sequence 62, Application US/10181875
; Publication No. US20030216333A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
```

```

; APPLICANT: Jacqueline Wvatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRESSION
; FILE REFERENCE: RISP-0356
; CURRENT APPLICATION NUMBER: US/10/181,875
; CURRENT FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER: 09/488,856
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO: 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-875-62
```

```

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      385 TCCCAAGTGTGGATTAC 404
Db      1 TCCCAAGTGTGGATTAC 20
```

```

RESULT 188
US-10-189-267-87/c
; Sequence 87, Application US/10189267
; Publication No. US20040006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freiler
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO: 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-267-87
```

```

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      850 CGGCTCCCAAGTGTGCGG 869
Db      20 CGGCTCCCAAGTGTGCGG 1
```

```

RESULT 189
US-10-189-267-88/c
; Sequence 88, Application US/10189267
; Publication No. US20040006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freiler
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO: 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Antisense oligonucleotide  
US-10-189-267-88

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 866 TGGGATTACAGCGCGTAGGCC 885  
DB 20 TGGGATTACAGCGCGTAGGCC 1

RESULT 190

US-10-189-267-222  
; Sequence 222, Application US/10189267  
; Publication No. US20040006030A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Susan M. Freiler  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION  
; FILE REFERENCE: PTS-0038  
; CURRENT APPLICATION NUMBER: US/10/189,267  
; CURRENT FILING DATE: 2002-07-02  
; NUMBER OF SEQ ID NOS: 284  
; SEQ ID NO 222  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-189-267-222

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 850 CGGCTCCCAAGTCTGTGG 869  
DB 1 CGGCTCCCAAGTCTGTGG 20

RESULT 191

US-10-189-267-223  
; Sequence 223, Application US/10189267  
; Publication No. US20040006030A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Susan M. Freiler  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION  
; FILE REFERENCE: PTS-0038  
; CURRENT APPLICATION NUMBER: US/10/189,267  
; CURRENT FILING DATE: 2002-07-02  
; NUMBER OF SEQ ID NOS: 284  
; SEQ ID NO 223  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-189-267-223

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 866 TGGGATTACAGCGCGTAGGCC 885  
DB 1 TGGGATTACAGCGCGTAGGCC 20

RESULT 192  
US-10-210-723-78  
; Sequence 78, Application US/10210723

Publication No. US20040023382A1  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas M. Dean  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PP3CB EXPRESSION  
; FILE REFERENCE: PTS-0028  
; CURRENT APPLICATION NUMBER: US/10/210,723  
; CURRENT FILING DATE: 2002-07-31  
; NUMBER OF SEQ ID NOS: 141  
; SEQ ID NO 78  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense oligonucleotide  
US-10-210-723-78

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 541 CCTAGCCTCCCAAGTAGCT 560  
DB 1 CCTAGCCTCCCAAGTAGCT 20

RESULT 193

US-10-210-723-136/c  
; Sequence 136, Application US/10210723  
; Publication No. US20040023382A1  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas M. Dean  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PP3CB EXPRESSION  
; FILE REFERENCE: PTS-0028  
; CURRENT APPLICATION NUMBER: US/10/210,723  
; CURRENT FILING DATE: 2002-07-31  
; NUMBER OF SEQ ID NOS: 141  
; SEQ ID NO 136  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense oligonucleotide  
US-10-210-723-136

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 541 CCTAGCCTCCCAAGTAGCT 560  
DB 20 CCTAGCCTCCCAAGTAGCT 1

RESULT 194

US-10-264-958B-2/c  
; Sequence 2, Application US/10264958B  
; Publication No. US2004003824A1  
; GENERAL INFORMATION:  
; APPLICANT: Hoffman, Hal  
; APPLICANT: Kolodner, Richard  
; TITLE OF INVENTION: Isolated Cytopyrins, Nucleic Acid Molecules Encoding These, and U  
; FILE REFERENCE: LUD 5738.1 CIP (10209575)  
; CURRENT APPLICATION NUMBER: US/10/264,958B  
; CURRENT FILING DATE: 2002-10-04  
; PRIOR APPLICATION NUMBER: US60/327,728  
; PRIOR FILING DATE: 2001-10-05  
; NUMBER OF SEQ ID NOS: 31  
; SEQ ID NO 2

LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
US-10-264-958B-2

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 667 ATCTGCTCAGTCAACCT 686  
DB 20 ATCTGCTCAGTCAACCT 1

RESULT 195  
US-10-343-303-10  
Sequence 10, Application US/10343303  
Publication No. US20040038394A1  
GENERAL INFORMATION:  
APPLICANT: Mogam Biotechnology Research Institute  
APPLICANT: Pan-Gen Biotech Laboratories Inc.  
TITLE OF INVENTION: Expression vector for animal cell  
FILE REFERENCE: opp10629x  
CURRENT APPLICATION NUMBER: US/10/343,303  
CURRENT FILING DATE: 2003-08-04  
PRIOR APPLICATION NUMBER: KR10-2000-43996  
PRIOR FILING DATE: 2000-07-29  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: Kopatentin 1.55  
SEQ ID NO 10  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: BM1 primer for human beta globin nuclear matrix attachment region  
FEATURE:  
OTHER INFORMATION: element  
NAME/KEY: primer  
LOCATION: (1)-(20)  
OTHER INFORMATION: primer  
US-10-343-303-10

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 722 CCTCTGAGTACTGGGACT 741  
DB 1 CCTCTGAGTACTGGGACT 20

RESULT 196  
US-10-633-843-79  
Sequence 79, Application US/10633843  
Publication No. US20040091919A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Kenneth Dobie  
TITLE OF INVENTION: ANTISENSE MODULATION OF SUPEROXIDE DISMUTASE 1, SOLUBLE EXPRESSION  
FILE REFERENCE: ISPH-0756  
CURRENT APPLICATION NUMBER: US/10/633,843  
CURRENT FILING DATE: 2003-08-04  
PRIOR APPLICATION NUMBER: US 09/888,360  
PRIOR FILING DATE: 2001-06-21  
NUMBER OF SEQ ID NOS: 90  
SEQ ID NO 79  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-633-843-79

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 729 AGTAGCTGGACTACGCG 748  
DB 1 AGTAGCTGGACTACGCG 20

RESULT 197  
US-10-303-325-83  
Sequence 83, Application US/10303325  
Publication No. US20040102395A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION  
FILE REFERENCE: RTS-0434  
CURRENT APPLICATION NUMBER: US/10/303,325  
CURRENT FILING DATE: 2002-11-22  
NUMBER OF SEQ ID NOS: 156  
SEQ ID NO 83  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-303-325-83

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 969 CTCGGCTCACTGCACTCT 988  
DB 1 CTCGGCTCACTGCACTCT 20

RESULT 198  
US-10-303-325-149/c  
Sequence 149, Application US/10303325  
Publication No. US20040102395A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION  
FILE REFERENCE: RTS-0434  
CURRENT APPLICATION NUMBER: US/10/303,325  
CURRENT FILING DATE: 2002-11-22  
NUMBER OF SEQ ID NOS: 156  
SEQ ID NO 149  
LENGTH: 20  
TYPE: DNA  
ORGANISM: H. sapiens  
FEATURE:  
US-10-303-325-149

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 969 CTCGGCTCACTGCACTCT 988  
DB 20 CTCGGCTCACTGCACTCT 1

RESULT 199  
US-10-648-593-516/c  
Sequence 516, Application US/10648593  
Publication No. US20040106132A1  
GENERAL INFORMATION:  
APPLICANT: Bristol-Myers Squibb Company  
US-10-633-843-79

```
; TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT
; INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS
; FILE REFERENCE: D0273 NP
; CURRENT APPLICATION NUMBER: US/10/648,593
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: 60/406,385
; PRIOR FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 557
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 516
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-648-593-516

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 542 CTCAGCCTCCCAAGTCTG 561
DB 20 CTCAGCCTCCCAAGTCTG 1

RESULT 200
US-10-671-395-464/c
; Sequence 464, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAML PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 464
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-464

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 850 CGGCTCCCAAGTCTGG 869
DB 20 CGGCTCCCAAGTCTGG 1

RESULT 201
US-10-671-395-581/c
; Sequence 581, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAML PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 581
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-581

; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 581
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-581

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 851 GGCCTCCCAAGTCTGGA 870
DB 20 GGCCTCCCAAGTCTGGA 1

RESULT 202
US-10-671-395-669/c
; Sequence 669, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAML PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 669
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-669

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 849 TCGGCTCCCAAGTCTGG 868
DB 20 TCGGCTCCCAAGTCTGG 1

RESULT 203
US-10-671-395-933/c
; Sequence 933, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAML PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 933
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-933
```

US-10-671-395-933

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 382 GCCTCCCAAGTCTGGGAT 401

DB 20 GCCTCCCAAGTCTGGGAT 1

RESULT 204

US-10-671-395-1144/c  
; Sequence 1144, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1144  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1144

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 720 AGCCTCTGAGTAGCTGGGA 739

DB 20 AGCCTCTGAGTAGCTGGGA 1

RESULT 205

US-10-671-395-1145/c  
; Sequence 1145, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1145  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1145

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 848 CTGGGCTCCCAAGTCTG 867

DB 20 CTGGGCTCCCAAGTCTG 1

RESULT 206  
US-10-671-395-1268/c  
; Sequence 1268, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1268  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1268

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 719 CAGCTCTGAGTAGCTGGG 738

DB 20 CAGCTCTGAGTAGCTGGG 1

RESULT 207  
US-10-671-395-1347/c  
; Sequence 1347, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1347  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1347

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 847 CTGGGCTCCCAAGTCTG 866

DB 20 CTGGGCTCCCAAGTCTG 1

RESULT 208  
US-10-671-395-1455/c  
; Sequence 1455, Application US/10671395

```
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1455
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1455

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      846 GCCTCGGCTCCCAAGTGC 865
Db      20 GCCTCGGCTCCCAAGTGC 1

RESULT 209
US-10-671-395-1496/c
; Sequence 1496, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1496
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1496

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      769 TTTTGTATTTTGTAGAG 788
Db      20 TTTTGTATTTTGTAGAG 1

RESULT 210
US-10-671-395-1740/c
; Sequence 1740, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US.
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; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1740
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1740

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      770 TTTTGTATTTTGTAGAGA 789
Db      20 TTTTGTATTTTGTAGAGA 1

RESULT 211
US-10-786-720-13918
; Sequence 13918, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; PRIOR FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13918
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13918

Query Match          2.0%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      967 ATCTCGGCTCACTGCAACCT 986
Db      2 ATCTCGGCTCACTGCAACCT 21

RESULT 212
US-10-786-720-13935/c
; Sequence 13935, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; PRIOR FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13935
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-antisense strand
US-10-786-720-13935
```



Query Match 2.0%; Score 20; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 4e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 199 ATCTGGTCAGGCTGCTC 218  
DB 20 ATCTGGTCAGGCTGCTC 1

## RESULT 213

US-10-786-720-14251  
Sequence 14251, Application US/10786720  
Publication No. US2004019181A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: Liu, Wei  
APPLICANT: O'Toole, Margot  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
DISEASES  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 14251  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-786-720-14251

Query Match 2.0%; Score 20; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 4e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 869 GATTACAGGCTGAGCCACC 868  
DB 1 GATTACAGGCTGAGCCACC 20

## RESULT 214

US-10-786-720-20455  
Sequence 20455, Application US/10786720  
Publication No. US2004019181A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: Liu, Wei  
APPLICANT: O'Toole, Margot  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
DISEASES  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 20455  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-786-720-20455

Query Match 2.0%; Score 20; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 4e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGTCAGGCTGAGCCACC 966  
DB 2 ATCTGGTCAGGCTGAGCCACC 21

## RESULT 215

US-09-784-423-96/c  
Sequence 96, Application US/09784423

Patent No. US20020012924A1

GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
Bacher, Jeffrey W.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR  
IDENTIFYING AND ANALYZING FOR INTERMEDIATE TANDEM  
REPEAT DNA MARKERS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:  
ADDRESSER: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin

COUNTRY: U.S.A.  
ZIP: 53711-5399

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95

SOFTWARE: Word 97 (DOS text format)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,423  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/018,584  
FILING DATE: 04-Feb-1998

ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29,018

REFERENCE/DOCKET NUMBER: 16026.9180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-2275  
TELEFAX: (608) 257-3501

INFORMATION FOR SEQ ID NO: 96  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear

US-09-784-423-96  
SEQUENCE DESCRIPTION: SEQ ID NO: 96

Query Match 2.0%; Score 19.8; DB 1; Length 24;  
Best Local Similarity 91.3%; Pred. No. 4.6e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 638 TGTACCCAGGCTGAGTGACGT 660  
DB 23 TATCACCCAGGCTGAGTGACAT 1

## RESULT 216

US-09-770-107-83/c  
Sequence 83, Application US/09770107  
Publication No. US20030054345A1  
GENERAL INFORMATION:  
APPLICANT: Millenium Pharmaceuticals, Inc.  
APPLICANT: Meyer, Joanne  
APPLICANT: Barrington-Martin, Rory  
APPLICANT: Parker, Alexander  
APPLICANT: Barnes, Glenn  
TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of  
neuropsychiatric disorders, including schizophrenia  
FILE REFERENCE: 3322/0H401  
CURRENT APPLICATION NUMBER: US/09/770,107  
CURRENT FILING DATE: 2001-01-24  
NUMBER OF SEQ ID NOS: 127  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 83  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens

US-09-770-107-83

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 535 CTCCTGCTCAGCCCTCCCAAG 555  
Db 21 CTACTGCTCAGCCCTCCCAAG 1

RESULT 217

US-10-255-434-6  
; Sequence 6, Application US/10255434  
; Publication No. US20030129626A1  
; GENERAL INFORMATION:  
; APPLICANT: Nielsen, Kirsten V.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
; FILE REFERENCE: BP0101-US  
; CURRENT APPLICATION NUMBER: US/10/255,434  
; CURRENT FILING DATE: 2002-09-24  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 6  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic  
; OTHER INFORMATION: Oligomer Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe  
; OTHER INFORMATION: Sequence  
US-10-255-434-6

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 205 GTCAGGCTGCTCGAAGCTCC 225  
Db 1 GCCAGGCTGCTCGAAGCTCC 21

RESULT 218

US-10-255-434-11  
; Sequence 11, Application US/10255434  
; Publication No. US20030129626A1  
; GENERAL INFORMATION:  
; APPLICANT: Nielsen, Kirsten V.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; APPLICANT: Williams, Brett F.  
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
; FILE REFERENCE: BP0101-US  
; CURRENT APPLICATION NUMBER: US/10/255,434  
; CURRENT FILING DATE: 2002-09-24  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 11  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic  
; OTHER INFORMATION: Oligomer Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe

; OTHER INFORMATION: Sequence  
US-10-255-434-11

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 990 CCTCCGGGCTCAAGCGATTC 1010  
Db 1 CTTCCCGGCTTCAAGCGATTC 21

RESULT 219

US-10-255-434-18/c  
; Sequence 18, Application US/10255434  
; Publication No. US20030129626A1  
; GENERAL INFORMATION:  
; APPLICANT: Nielsen, Kirsten V.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
; FILE REFERENCE: BP0101-US  
; CURRENT APPLICATION NUMBER: US/10/255,434  
; CURRENT FILING DATE: 2002-09-24  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 18  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic  
; OTHER INFORMATION: Oligomer Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe  
; OTHER INFORMATION: Sequence  
US-10-255-434-18

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 205 GTCAGGCTGCTCGAAGCTCC 225  
Db 21 GCCAGGCTGCTCGAAGCTCC 1

RESULT 220

US-10-255-434-23/c  
; Sequence 23, Application US/10255434  
; Publication No. US20030129626A1  
; GENERAL INFORMATION:  
; APPLICANT: Nielsen, Kirsten V.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; APPLICANT: Williams, Brett F.  
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
; FILE REFERENCE: BP0101-US  
; CURRENT APPLICATION NUMBER: US/10/255,434  
; CURRENT FILING DATE: 2002-09-24  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 23  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic  
; OTHER INFORMATION: Oligomer Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe

OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe  
OTHER INFORMATION: Sequence  
US-10-255-434-23

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 990 CCTCCCGGCTCAGCGATTC 1010  
|||  
DB 21 CCTCCCGGCTCAGCGATTC 1

RESULT 221  
US-10-255-434-25  
Sequence 25, Application US/10255434  
Publication No. US2003012966A1

GENERAL INFORMATION:  
APPLICANT: Nielsen, Kirsten V.  
APPLICANT: Hyldig-Nielsen, Jens J.

APPLICANT: Williams, Brett F.  
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
Distributed Repeat Sequences In Genomic Nucleic Acid

FILE REFERENCE: BP0101-US  
CURRENT APPLICATION NUMBER: US/10/255,434  
CURRENT FILING DATE: 2002-09-24  
NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 25  
LENGTH: 21

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE: Description of Combined DNA/RNA Molecule: Synthetic  
OTHER INFORMATION: Oligomer Sequence  
FEATURE: Description of Artificial Sequence: Synthetic Probe  
OTHER INFORMATION: Sequence  
US-10-255-434-25

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 638 TGTACCCAGGCTGAGTGCA 658  
|||  
DB 1 TGTACCCAGGCTGAGTGCA 21

RESULT 222  
US-10-165-099-264

Sequence 264, Application US/10165099  
Publication No. US20030188326A1  
GENERAL INFORMATION:

APPLICANT: D'Andrea, Alan  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY  
TITLE OF INVENTION: DELECTIVE DNA REPAIR MECHANISMS AND TREATMENT THEREOF  
FILE REFERENCE: 7032/2055  
CURRENT APPLICATION NUMBER: US/10/165,099  
CURRENT FILING DATE: 2002-06-06  
PRIOR APPLICATION NUMBER: US 09/998,027  
PRIOR FILING DATE: 2001-11-02  
PRIOR APPLICATION NUMBER: US 60/245,756  
PRIOR FILING DATE: 2000-11-03  
NUMBER OF SEQ ID NOS: 352  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 264  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE: Primer  
OTHER INFORMATION: Sequence  
US-10-165-099-264

US-10-165-099-264

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 966 ATCTCGGCTCAGCAACT 986  
|||  
DB 1 ATCTCGGCTCAGCAACT 21

RESULT 223  
US-10-091-281-241/C

Sequence 241, Application US/10091281  
Publication No. US20030190617A1  
GENERAL INFORMATION:

APPLICANT: RAYMOND, VINCENT  
APPLICANT: SI, ERWIN  
APPLICANT: MORISSETTE, JEAN

TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
FILE REFERENCE: 13587.338  
CURRENT APPLICATION NUMBER: US/10/091,281  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 463  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 241  
LENGTH: 21

TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE: Homo sapiens  
OTHER INFORMATION: Putative NRSF/NRSF.01 motif  
US-10-091-281-241

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 TCGGCTCCCAAGTCTGGG 869  
|||  
DB 21 TCGGCTCCCAAGTCTGGG 1

RESULT 224  
US-10-126-103-235  
Sequence 235, Application US/10126103  
Publication No. US20030224486A1  
GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company  
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB PATHWAY  
FILE REFERENCE: D0108.np  
CURRENT APPLICATION NUMBER: US/10/126,103  
CURRENT FILING DATE: 2002-04-19  
PRIOR APPLICATION NUMBER: US 60/284,962  
PRIOR FILING DATE: 2001-04-19  
PRIOR APPLICATION NUMBER: US 60/286,645  
PRIOR FILING DATE: 2001-04-26  
PRIOR APPLICATION NUMBER: US 60/346,986  
PRIOR FILING DATE: 2002-01-09  
NUMBER OF SEQ ID NOS: 284  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 235  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-126-103-235

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 476 TGAAGTCAGTGGTGATCA 496  
|||  
DB 1 TGAAGTCAGTGGTGATCA 21

```
RESULT 225
US-10-431-096-235
; Sequence 235, Application US/10431096
; Publication No. US200400868696A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB
; FILE REFERENCE: D0108A CIP
; CURRENT APPLICATION NUMBER: US/10/431,096
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/284,962
; PRIOR FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: US 10/126,103
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US 60/286,645
; PRIOR FILING DATE: 2001-04-26
; PRIOR APPLICATION NUMBER: US 60/346,986
; PRIOR FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 307
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 235
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-431-096-235

Query Match      2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      476 TGAAGTCGACGTGCTGATCA 496
Db      1 TGAAGTCGACGTGCTGATCA 21
|||||

RESULT 226
US-10-786-720-13252/C
; Sequence 13252, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13252
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13252

Query Match      2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      967 ATTCGGCTCACTGCACCTC 987
Db      21 ATTCAGCTCACTGCACCTC 1
|||||

RESULT 227
US-10-786-720-13253/C
; Sequence 13253, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13253
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-13253

Query Match      2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      965 AAATCGGCTCACTGCAC 985
Db      21 AAATCGCTCACTGCAC 1
|||||

RESULT 228
US-10-786-720-13919
; Sequence 13919, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13919
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-13919

Query Match      2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 4.3e+02;
Matches 14; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

OY      968 TCTGGCTCACTGCACCTCT 988
Db      1 UCUCGGCUCACUGCACCUUU 21
|||||

RESULT 229
US-10-786-720-19978
; Sequence 19978, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19978
; LENGTH: 21
; TYPE: DNA
```

ORGANISM: Homo sapiens  
US-10-786-720-19978

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 966 AATCTCGGCTCACTGCACT 986  
DB 1 AATCTCAGCTCACTGCACT 21

RESULT 230

US-10-786-720-19980/c  
Sequence 19980, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
TITLE OF INVENTION: DISEASES  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 19980  
LENGTH: 21  
TYPE: RNA  
ORGANISM: RNAi-antisense strand  
US-10-786-720-19980

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 966 AATCTCGGCTCACTGCACT 986  
DB 21 AATCTCAGCTCACTGCACT 1

RESULT 231

US-10-786-720-20214/c  
Sequence 20214, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
TITLE OF INVENTION: DISEASES  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 20214  
LENGTH: 21  
TYPE: RNA  
ORGANISM: RNAi-antisense strand  
US-10-786-720-20214

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 965 AAATCTCGGCTCACTGCACT 985  
DB 21 AAATCTCAGCTCACTGCACT 1

RESULT 232

US-10-786-720-20230  
Sequence 20230, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
TITLE OF INVENTION: DISEASES  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 20230  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-786-720-20230

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 641 CACCCAGGCTGAGTGCAGTG 661  
DB 1 CACCTAGGCTGAGTGCAGTG 21

RESULT 233

US-10-786-720-20362/c  
Sequence 20362, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
TITLE OF INVENTION: DISEASES  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 20362  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-786-720-20362

Query Match 2.0%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 4.3e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1116 TGGTCTCAAACTCTGACCTC 1136  
DB 21 TGGTCTCAAACTCTGACCTC 1

RESULT 234

US-10-786-720-20368/c  
Sequence 20368, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
TITLE OF INVENTION: DISEASES  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135

```

; ORGANISM: homo sapien
;
; FEATURE:
;
; NAME/KEY: misc_feature
; LOCATION: (11)..(11)
;
; OTHER INFORMATION: n = a or g
;
US-10-745-377-199

```

Query Match 2.0%; Score 19.4; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCTGAGCTCCCAA 554  
DB 22 TTCTCTGCTGAGCTCCCAA 1

## RESULT 239

US-09-845-129-10  
Sequence 10, Application US/09845129  
Patent No. US20020146700A1  
GENERAL INFORMATION:  
APPLICANT: DUFF, GORDON W.  
APPLICANT: COX, ANGELA  
APPLICANT: CAMP, NICOLA J.  
APPLICANT: DIGIOVINE, FRANCESCO S.  
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED  
WITH AN IL-1 INFLAMMATORY HAPLOTYPE  
FILE REFERENCE: MSA-010.02  
CURRENT FILING DATE: 2001-04-27  
CURRENT APPLICATION NUMBER: US/09/845,129  
PRIOR FILING DATE: 1999-06-30  
PRIOR APPLICATION NUMBER: PCT/GB98/01481  
PRIOR FILING DATE: 1998-05-21  
PRIOR APPLICATION NUMBER: 9711040.7  
PRIOR FILING DATE: 1997-05-29  
NUMBER OF SEQ ID NOS: 32  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 10  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-845-129-10

Query Match 1.9%; Score 19.2; DB 1; Length 24;  
Best Local Similarity 87.5%; Pred. No. 5e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 868 GGATTACAGCGCTGAGCCACGCG 891  
DB 1 GGATTACAGCGCTGAGCCACGCG 24

## RESULT 240

US-10-086-181-12/c  
Sequence 12, Application US/10086181  
Publication No. US20020177151A1  
GENERAL INFORMATION:  
APPLICANT: GIMENO, Ruth  
TITLE OF INVENTION: METHODS FOR THE TREATMENT OF METABOLIC  
FILE REFERENCE: KMI-220  
CURRENT APPLICATION NUMBER: US/10/086,181  
PRIOR FILING DATE: 2002-02-26  
PRIOR APPLICATION NUMBER: 60/271,655  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 12  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-086-181-12

Query Match 1.9%; Score 19.2; DB 1; Length 24;  
Best Local Similarity 87.5%; Pred. No. 5e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 956 GCAATGGCAATCTGGGCTCACT 979  
DB 24 GCAATGGCAATCTGGGCTCACT 1

## RESULT 241

US-10-091-281-120  
Sequence 120, Application US/10091281  
Publication No. US20030190617A1  
GENERAL INFORMATION:  
APPLICANT: RAYMOND, VINCENT  
APPLICANT: SI, ERWIN  
APPLICANT: MORISSETTE, JEAN  
TITLE OF INVENTION: OPTINERIN NUCLEIC ACID MOLECULES AND USES THEREOF  
FILE REFERENCE: 13587.338  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 463  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 120  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Putative BRAC/BRACH.01 motif  
US-10-091-281-120

Query Match 1.9%; Score 19.2; DB 1; Length 24;  
Best Local Similarity 87.5%; Pred. No. 5e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1020 AGCCTCCCAAGCAGCTGGATTAC 1043  
DB 1 AGCCTCCCAAGTGTGAGATTAC 24

## RESULT 242

US-10-676-154-13  
Sequence 13, Application US/10676154  
Publication No. US20040081996A1  
GENERAL INFORMATION:  
APPLICANT: John Landers  
APPLICANT: David Houseman  
APPLICANT: Barbara Jordan  
APPLICANT: Alain Charest  
TITLE OF INVENTION: Methods and Products Related to  
Genotyping and DNA Analysis  
FILE REFERENCE: M0656/7045(HCU/MAT)  
CURRENT APPLICATION NUMBER: US/10/676,154  
CURRENT FILING DATE: 2003-09-29  
PRIOR FILING DATE: 1998-09-25  
PRIOR APPLICATION NUMBER: PCT/US99/22283  
PRIOR FILING DATE: 1999-09-24  
NUMBER OF SEQ ID NOS: 691  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 13  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Homo Sapiens  
US-10-676-154-13

Query Match 1.9%; Score 19.2; DB 1; Length 24;  
Best Local Similarity 87.5%; Pred. No. 5e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 870 ATTACAGCGCTGAGCCACGCGCC 893  
DB 1 ATTAAAGCGCTGAGCCACGCGCC 24

## RESULT 243

US-10-745-377-17

```
; Sequence 17, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
; FILE REFERENCE: 760050-109
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 17
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-17

Query Match      1.9%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      208 AGGCTGCTCGACTCCGACCT 231
DB      1 AGGTGGTTTGGACTCCGACCT 24

RESULT 244
US-10-802-061-10
; Sequence 10, Application US/10802061
; Publication No. US20040152124A1
; GENERAL INFORMATION:
; APPLICANT: DUFF, GORDON W.
; APPLICANT: COX, ANGELA
; APPLICANT: CAMP, NICOLA J.
; APPLICANT: DIGIOVINE, FRANCESCO S.
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED
; TITLE OF INVENTION: WITH AN IL-1 INFLAMMATORY HAPLOTYPE
; FILE REFERENCE: 24299-508CON3
; CURRENT APPLICATION NUMBER: US/10/802,061
; CURRENT FILING DATE: 2004-03-15
; PRIOR APPLICATION NUMBER: 09/845,129
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: 09/345,217
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: PCT/GB98/01481
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: 9711040.7
; PRIOR FILING DATE: 1997-05-29
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
```

```
US-10-802-061-10

Query Match      1.9%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      868 GGATTACAGGGCGGAGCCACCACG 891
DB      1 GGATTACAGGGCGGTGACGACCGCG 24

RESULT 245
US-09-752-983-243/c
; Sequence 243, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDW2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marilton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-243

Query Match      1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      644 CCAGGCTGAGTGCAGTGG 662
DB      20 CCAGGCTGAGTGCAGTGG 2

RESULT 246
US-09-752-983-250/c
; Sequence 250, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDW2
```



TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/752,983  
FILING DATE: 02-Jan-2001  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/280,805  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 250:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-752-983-250

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 536 TCCTGCTCAGCTCCCA 554  
|||||  
DB 20 TCCTGCTCAGCTCCCA 2

RESULT 247  
US-09-898-361-95  
Sequence 95, Application US/09898361  
Publication No. US2003008732A1  
GENERAL INFORMATION:  
APPLICANT: Susan Murray  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR  
FILE REFERENCE: RTS-0158  
CURRENT APPLICATION NUMBER: US/09/898,361  
CURRENT FILING DATE: 2001-06-21  
NUMBER OF SEQ ID NOS: 163  
SEQ ID NO 95  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-898-361-95

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 541 CCTCAGCTCCCAAGTAC 559  
|||||

DB 2 CCTCAGCTCCCAAGTAC 20  
|||||

RESULT 248  
US-09-888-361-95  
Sequence 95, Application US/09888361  
Publication No. US2003006494A1  
GENERAL INFORMATION:  
APPLICANT: Susan Murray  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR  
FILE REFERENCE: RTS-0158  
CURRENT APPLICATION NUMBER: US/09/888,361  
CURRENT FILING DATE: 2001-06-21  
NUMBER OF SEQ ID NOS: 163  
SEQ ID NO 95  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-888-361-95

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 541 CCTCAGCTCCCAAGTAC 559  
|||||  
DB 2 CCTCAGCTCCCAAGTAC 20

RESULT 249  
US-09-993-731-22  
Sequence 22, Application US/09993731  
Publication No. US20030105040A1  
GENERAL INFORMATION:  
APPLICANT: Brett P. Wanta  
APPLICANT: Andrew T. Walt  
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION  
FILE REFERENCE: RTS-0302  
CURRENT APPLICATION NUMBER: US/09/993,731  
CURRENT FILING DATE: 2001-11-13  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 22  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-993-731-22

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 645 CAGCTGAGTGCAGTGC 663  
|||||  
DB 1 CAGCTGAGTGCAGTGC 19

RESULT 250  
US-10-181-177-94/c  
Sequence 94, Application US/10181177  
Publication No. US20030083236A1  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Lex M. Cowart  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION  
FILE REFERENCE: RTS-0334  
CURRENT APPLICATION NUMBER: US/10/181,177  
CURRENT FILING DATE: 2002-07-12

PRIOR APPLICATION NUMBER: PCT/US01/00955  
PRIOR FILING DATE: 2001-01-11  
PRIOR APPLICATION NUMBER: 09/487,445  
PRIOR FILING DATE: 2000-01-19  
NUMBER OF SEQ ID NOS: 176  
SEQ ID NO 94  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-181-177-94

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 646 AGCGTGAAGTGCAGTGGCG 664  
DB 20 AGCGTGAAGTGCAGTGGCG 2

RESULT 251  
US-10-331-907-286  
Sequence 286, Application US/10331907  
Publication No. US2003018160A1  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
Hees, John W  
Caskey, Charles T  
Cox, Roger D  
Gerhold, David  
Hammond, Holly  
Hey, Patricia  
Kawaguchi, Yoshihiko  
Merriman, Tony R  
Metzker, Michael L  
TITLE OF INVENTION: No. US2003018160A1e1 LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. US2003018160A1ch Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/331,907  
FILING DATE: 31-Dec-2002  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-Apr-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-Apr-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B. J. Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4091  
TELEFAX: (703) 816-4100  
INFORMATION FOR SEQ ID NO: 286:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 286:  
US-10-331-907-286

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCACT 686  
DB 2 TCTTGCTCACTGCACT 20

RESULT 252  
US-10-005-344-243/c  
Sequence 243, Application US/10005344  
Publication No. US20030203862A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia  
Pamela Nero  
APPLICANT: Mark J. Graham  
Brett P. Monia  
APPLICANT: Erich Koller  
APPLICANT: Mingyi Chiang  
APPLICANT: Mano Manoharan  
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.  
FILE REFERENCE: ISPH-0622  
CURRENT APPLICATION NUMBER: US/10/005,344  
CURRENT FILING DATE: 2001-12-04  
PRIOR APPLICATION NUMBER: US 09/048,810  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: US 09/280,805  
PRIOR FILING DATE: 1999-03-26  
NUMBER OF SEQ ID NOS: 379  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 243  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-005-344-243

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 644 CCAGGTGAAGTGCAGTGG 662  
DB 20 CCAGGTGAAGTGCAGTGG 2

RESULT 253  
US-10-005-344-250/c  
Sequence 250, Application US/10005344  
Publication No. US20030203862A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia  
Pamela Nero  
APPLICANT: Mark J. Graham  
Brett P. Monia  
APPLICANT: Erich Koller  
APPLICANT: Mingyi Chiang  
APPLICANT: Mano Manoharan  
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.  
FILE REFERENCE: ISPH-0622  
CURRENT APPLICATION NUMBER: US/10/005,344  
CURRENT FILING DATE: 2001-12-04  
PRIOR APPLICATION NUMBER: US 09/048,810  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: US 09/280,805

;; PRIORITY FILING DATE: 1999-03-26  
;; NUMBER OF SEQ ID NOS: 379  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 250  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-005-344-250

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 536 TCCTGCTCAGCTCCCAA 554  
DB 20 TCCTGCTCAGCTCCCAA 2

RESULT 254  
US-10-671-395-695/c  
; Sequence 695, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Glaxo, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 695  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-695

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 383 CCTCCCAAGTCTGGGAT 401  
DB 20 CCTCCCAAGTCTGGGAT 2

RESULT 255  
US-10-671-395-1032/c  
; Sequence 1032, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Glaxo, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1032  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial

;; FEATURE:  
;; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1032

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 846 GCCTCGGCTCCCAAGTG 864  
DB 19 GCCTCGGCTCCCAAGTG 1

RESULT 256  
US-10-671-395-1199/c  
; Sequence 1199, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Glaxo, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1199  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1199

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 721 GCCTCGGCTCCCAAGTG 739  
DB 20 GCCTCGGCTCCCAAGTG 2

RESULT 257  
US-10-671-395-1371/c  
; Sequence 1371, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Glaxo, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1371  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1371

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	771	TTTGTATTTT	TAGTAGAGA	789
Db	20	TTTGTATTTT	TAGTAGAGA	2

```

RESULT 258
US-10-671-395-1543/c
: Sequence 1543, Application US/10671395
: Publication No. US20040132063A1
: GENERAL INFORMATION:
: APPLICANT: Pharmacia Corp.
: TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
: FILE REFERENCE: 1179/1/US
: CURRENT APPLICATION NUMBER: US/10/671,395
: CURRENT FILING DATE: 2003-09-25
: PRIOR APPLICATION NUMBER: 60/413,549
: PRIOR FILING DATE: 2002-09-25
: NUMBER OF SEQ ID NOS: 1809
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO 1543
: LENGTH: 20
: TYPE: DNA
: ORGANISM: artificial
: FEATURE:
: OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1543

```

Query Match	1.9%	Score 19;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 4.4e+02;		
Matches 19; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

```
QY      719 CAGCCTCCTGAGTAGCTGG 737
      . |||||
Db      19 CAGCCTCCTGAGTAGCTGG 1
```

```

RESULT 259
US-10-671-395-1544/c
; Sequence 1544, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1544
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1544

```

```
Query Match      1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0
```

QY	769	TTTTTGATTTT	AGTAGA	783
Db	19	TTTTTGTATTT	TTAGTAGA	1

## RESULT 260

```

US-10-786-720 13909
? Sequence 13909, Application US/10786720
? Publication No. US200401918A1
? GENERAL INFORMATION:
? APPLICANT: Wyeth
? APPLICANT: O'toole, Margot
? APPLICANT: Liu, Wei
? TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
? TITLE OF INVENTION: DISEASES
? FILE REFERENCE: 031896-023000 (AM101331L)
? CURRENT APPLICATION NUMBER: US/10/786,720
? CURRENT FILING DATE: 2004-02-26
? NUMBER OF SEQ ID NOS: 2115
? SOFTWARE: PatentIn version 3.2
? SEQ ID NO 13909
? LENGTH: 21
? TYPE: DNA
? ORGANISM: Homo sapiens
US-10-786-720-13909

```

Query Match	1.9%;	Score 19;	DB 1;	Length 21;
Best Local Similarity	100.0%;	Pred. No. 4.6e+02;		
Matches 19;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	945	CAGCTGAGTGCATGCG	963
Db	1	CAGCTGAGTGCATGCG	19

```

RESULT 261
US-10-786-720-13934
; Sequence 13934, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'toole, Margot
; TITLE OF INVENTION: L1u, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13934
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13934

```

Query Match	1.9%;	Score 19;	DB 1;	Length 21;
Best Local Similarity	63.2%;	Pred. NO. 4.6e+02;		
Matches 12;	Conservative 7;	Mismatches 0;	Indels 0;	Gaps 0;

QY 200 TGTTGTCAGGCTGTCTC 218  
:::|||||::|::|  
Db 1 UGUGGUCAGGCTUGGCTUC 19

```

RESULT 262
US-10-786-720-14253/c
; Sequence 14253, Application US/10786720
; Publication NO. US200401918A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101311L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135

```

SOFTWARE: Patentin version 3.2  
SEQ ID NO 14253  
LENGTH: 21  
TYPE: RNA  
ORGANISM: RNAi-antisense strand  
US-10-786-720-14253

Query Match 1.9%; Score 19; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 4.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 870 ATTACAGCGGTGAGCCACC 888  
DB 20 ATTACAGCGGTGAGCCACC 2

RESULT 263  
US-10-786-720-20428  
Sequence 20428, Application US/10786720  
Publication No. US2004019181A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
APPLICANT: Liu, Wei  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: Patentin version 3.2  
SEQ ID NO 20428  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-786-720-20428

Query Match 1.9%; Score 19; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 4.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 652 GAGTGAGTGGCGCAATCT 670  
DB 1 GAGTGAGTGGCGCAATCT 19

RESULT 264  
US-10-786-720-20464  
Sequence 20464, Application US/10786720  
Publication No. US2004019181A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
APPLICANT: Liu, Wei  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: Patentin version 3.2  
SEQ ID NO 20464  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-786-720-20464

Query Match 1.9%; Score 19; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 4.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 869 GATTACAGCGGTGAGCCACC 887  
|||||

DB 1 GATTACAGCGGTGAGCCACC 19

RESULT 265  
US-09-918-686-90/c  
Sequence 90, Application US/09918686  
Patent No. US20020076720A1  
GENERAL INFORMATION:  
APPLICANT: Brunkow, Mary  
APPLICANT: Prohl, Sean  
APPLICANT: Paepel, Bryan  
APPLICANT: Staehling-Hampton, Karen  
TITLE OF INVENTION: METHODS FOR IDENTIFYING  
FILE REFERENCE: 240083.515  
CURRENT APPLICATION NUMBER: US/09/918,686  
CURRENT FILING DATE: 2001-07-30  
NUMBER OF SEQ ID NOS: 105  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 90  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
US-09-918-686-90

Query Match 1.9%; Score 18.8; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 532 ATCTCTGCTGAGCTCCCA 553  
DB 22 ATCTCTGCTGAGCTCCCA 1

RESULT 266  
US-09-918-686-94/c  
Sequence 94, Application US/09918686  
Patent No. US20020076720A1  
GENERAL INFORMATION:  
APPLICANT: Brunkow, Mary  
APPLICANT: Prohl, Sean  
APPLICANT: Paepel, Bryan  
APPLICANT: Staehling-Hampton, Karen  
TITLE OF INVENTION: METHODS FOR IDENTIFYING  
FILE REFERENCE: 240083.515  
CURRENT APPLICATION NUMBER: US/09/918,686  
CURRENT FILING DATE: 2001-07-30  
NUMBER OF SEQ ID NOS: 105  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 94  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
US-09-918-686-94

Query Match 1.9%; Score 18.8; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 532 ATCTCTGCTGAGCTCCCA 553  
DB 22 ATCTCTGCTGAGCTCCCA 1

RESULT 267  
US-10-353-150-90/c  
Sequence 90, Application US/10353150  
Publication No. US20030157543A1

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      PRIOR APPLICATION NUMBER: US 09/526,193
      PRIOR FILING DATE: 2000-03-15
      PRIOR APPLICATION NUMBER: 60/124,702
      PRIOR FILING DATE: 1999-03-15
      PRIOR APPLICATION NUMBER: 60/138,048
      PRIOR FILING DATE: 1999-06-08
      PRIOR APPLICATION NUMBER: 60/139,600
      PRIOR FILING DATE: 1999-06-17
      PRIOR APPLICATION NUMBER: 60/151,977
      PRIOR FILING DATE: 1999-09-01
      NUMBER OF SEQ ID NOS: 287
      SOFTWARE: FastSeq for Windows Version 4.0
      SEQ ID NO 274
      LENGTH: 22
      TYPE: DNA
      ORGANISM: Homo sapiens
      US-10-452-510-274

Query Match      1.9%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      533  TCCTCTGCTCAGCCTCCCA 554
      |||||
      22  TTCCTGCTTACCTCCCA 1

RESULT 270
US-10-374-077-11
; Sequence 11, Application US/10374077
; Publication No. US20040006779A1
GENERAL INFORMATION:
APPLICANT: Fu, Ying-Hui
            Yu, Chang-Fu
            Oshima, Junko
            Mulligan, John T.
            Schlierberg, Gerald D.
TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO
            WERNER'S SYNDROME
NUMBER OF SEQUENCES: 209
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed Intellectual Property Law Group
STREET: 701 Fifth Avenue, Suite 6300
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/374,077
FILING DATE: 25-Feb-2003
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Rosenman, Stephen
REGISTRATION NUMBER: 43,058
REFERENCE/DOCKET NUMBER: 100107.401D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 682-4900
TELEFAX: (206) 682-4901
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-10-374-077-11
Query Match      1.9%; Score 18.8; DB 1; Length 22;

```

Best Local Similarity 90.9%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 479 AGTGCAGTGTGTGATCAGC 500  
|||||  
DB 1 AGTGCAGTGTGTGATCAGC 22

RESULT 271  
US-10-617-334-274/c  
; Sequence 274, Application US/10617334  
; Publication No. US2004005869A1  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael R.  
; APPLICANT: Brooks-Wilson, Angela R.  
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS  
; FILE REFERENCE: 760050-91  
; CURRENT APPLICATION NUMBER: US/10/617,334  
; CURRENT FILING DATE: 2003-07-10  
; PRIOR APPLICATION NUMBER: US 09/526,193  
; PRIOR FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 60/124,702  
; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/138,048  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/139,600  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 60/151,977  
; PRIOR FILING DATE: 1999-09-01  
; NUMBER OF SEQ ID NOS: 287  
; SOFTWARE: PatentIn 3.0  
; SEQ ID NO 274  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-617-334-274

Query Match 1.9%; Score 18.8; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCCTCAGCCTCCCA 554  
|||||  
DB 22 TCCTCTGCCTTAGCCTCCCA 1

RESULT 272  
US-10-655-579-35/c  
; Sequence 35, Application US/10655579  
; Publication No. US20040126789A1  
; GENERAL INFORMATION:  
; APPLICANT: Park, Kyueung  
; APPLICANT: Lee, Jun E.  
; TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids  
; FILE REFERENCE: 0942.5580002  
; CURRENT APPLICATION NUMBER: US/10/655,579  
; CURRENT FILING DATE: 2003-09-05  
; PRIOR APPLICATION NUMBER: 60/408,609  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: 60/427,867  
; PRIOR FILING DATE: 2002-11-19  
; NUMBER OF SEQ ID NOS: 164  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 35  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Tmb1-44, reverse primer  
US-10-655-579-35

Query Match 1.9%; Score 18.8; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 4.9e+02;

Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 670 TTGGCTCACTGCAACCTCTGCC 691  
|||||  
DB 22 TTGGCTCACTGTAGCCTCTGCC 1

RESULT 273  
US-10-744-465-274/c  
; Sequence 274, Application US/10744465  
; Publication No. US20040157250A1  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael R.  
; APPLICANT: Brooks-Wilson, Angela R.  
; APPLICANT: Pimstone, Simon N.  
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS  
; FILE REFERENCE: 760050-92  
; CURRENT APPLICATION NUMBER: US/10/744,465  
; CURRENT FILING DATE: 2003-12-23  
; PRIOR APPLICATION NUMBER: 10/617,334  
; PRIOR FILING DATE: 2003-07-10  
; PRIOR APPLICATION NUMBER: US 09/526,193  
; PRIOR FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 60/124,702  
; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/138,048  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/139,600  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 60/151,977  
; PRIOR FILING DATE: 1999-09-01  
; NUMBER OF SEQ ID NOS: 287  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 274  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-744-465-274

Query Match 1.9%; Score 18.8; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCCTCAGCCTCCCA 554  
|||||  
DB 22 TCCTCTGCCTTAGCCTCCCA 1

RESULT 274  
US-10-833-679-274/c  
; Sequence 274, Application US/10833679  
; Publication No. US20040185508A1  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael R.  
; APPLICANT: Brooks-Wilson, Angela R.  
; TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids  
; FILE REFERENCE: 760050-135  
; CURRENT APPLICATION NUMBER: US/10/833,679  
; CURRENT FILING DATE: 2004-04-28  
; PRIOR APPLICATION NUMBER: 10/452,510  
; PRIOR FILING DATE: 2003-06-02  
; PRIOR APPLICATION NUMBER: 10/617,334  
; PRIOR FILING DATE: 2003-07-10  
; PRIOR APPLICATION NUMBER: 09/526,193  
; PRIOR FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 60/124,702  
; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/138,048  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/139,600  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 60/151,977

PRIOR FILING DATE: 1999-09-01  
NUMBER OF SEQ ID NOS: 287  
SOFTWARE: PatentIn 3.0  
SEQ ID NO 274  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-833-679-274

Query Match 1.9%; Score 18.8; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 533 TCCTCTGCTGCTGAGCTCCCA 554  
Db 22 TTCTCTGCTTAGCTCCCA 1

RESULT 275  
US-09-771-355-8  
Sequence 8, Application US/09771355  
Publication No. US20020086840A1  
GENERAL INFORMATION:  
APPLICANT: Reddy, Gurucharan  
APPLICANT: Zarling, David A.  
TITLE OF INVENTION: USE OF RAD51 INHIBITORS FOR p53 GENE THERAPY  
FILE REFERENCE: A-68872-1/RPT/RMS/BTC  
CURRENT APPLICATION NUMBER: US/09/771,355  
CURRENT FILING DATE: 2001-01-26  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 8  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Antisense  
US-09-771-355-8

Query Match 1.9%; Score 18.8; DB 1; Length 23;  
Best Local Similarity 90.9%; Pred. No. 5.1e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 837 GATCGCTGCTGCGCTCCC 858  
Db 2 GATCACCCTGCTGCGCTCCC 23

RESULT 276  
US-09-454-495-9  
Sequence 9, Application US/09454495  
Patent No. US20020147161A1  
GENERAL INFORMATION:  
APPLICANT: Reddy, Gurucharan  
APPLICANT: Zeng, Hong  
APPLICANT: Vallerga, Anne  
APPLICANT: Zarling, David A.  
TITLE OF INVENTION: NOVEL ANTISENSE INHIBITION OF RAD51  
FILE REFERENCE: A-67649-1/RMS/DAV/JTD  
CURRENT APPLICATION NUMBER: US/09/454,495  
CURRENT FILING DATE: 1999-12-06  
PRIOR APPLICATION NUMBER: 60/119,578  
PRIOR FILING DATE: 1999-02-10  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 9  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic.  
US-09-454-495-9

Query Match 1.9%; Score 18.8; DB 1; Length 23;  
Best Local Similarity 90.9%; Pred. No. 5.1e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 837 GATCGCTGCTGCGCTCCC 858  
Db 2 GATCACCCTGCTGCGCTCCC 23

RESULT 277  
US-09-752-983-246/c  
Sequence 246, Application US/09752983  
Patent No. US20010016575A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/752,983  
FILING DATE: 02-Jan-2001  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/280,805  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 246:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-752-983-246

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 668 TCTTGCTCACTGCAACCTC 687  
Db 20 TCTTGCTCACTGCAACCTC 1

RESULT 278  
US-09-752-983-268/c  
Sequence 268, Application US/09752983  
Patent No. US20010016575A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION



NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/752,983  
FILING DATE: 02-Jan-2001  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/280,805  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ. ID NO: 268:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-752-983-268

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 GGATTACAGCGCTGAGCCAC 887  
DB 20 GGATTACAGCGCATGAGCCAC 1

RESULT 279  
US-09-834-700-9  
Sequence 9, Application US/09834700  
Publication No. US2002040130A1  
GENERAL INFORMATION:  
APPLICANT: Braun, A.  
TITLE OF INVENTION: POLYMORPHIC KINASE ANCHOR PROTEINS AND  
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME  
FILE REFERENCE: 24736-2035  
CURRENT APPLICATION NUMBER: US/09/834,700  
CURRENT FILING DATE: 2001-04-12  
PRIOR APPLICATION NUMBER: 60/217,251  
PRIOR FILING DATE: 2000-07-10  
PRIOR APPLICATION NUMBER: 60/240,335  
PRIOR FILING DATE: 2000-10-13  
NUMBER OF SEQ ID NOS: 25  
SOFTWARE: PastSeq for Windows Version 4.0  
SEQ ID NO 9  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide Primer  
US-09-834-700-9

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTAC 404  
DB 1 TCCCAAGTCTGGATTAC 20

RESULT 280  
US-09-800-631-24/C  
Sequence 24, Application US/09800631  
Patent No. US2002008228A1  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP  
FILE REFERENCE: ISPH-0544  
CURRENT APPLICATION NUMBER: US/09/800,631  
CURRENT FILING DATE: 2001-03-07  
PRIOR APPLICATION NUMBER: US/09/657,346  
PRIOR FILING DATE: 2000-09-07  
NUMBER OF SEQ ID NOS: 175  
SEQ ID NO 24  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-800-631-24

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 538 CTGCTCAGCCTCCCAAGTA 557  
DB 20 CTGCTCAGCCTCCCAAGTA 1

RESULT 281  
US-09-800-631-33  
Sequence 33, Application US/09800631  
Patent No. US2002008228A1  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP  
FILE REFERENCE: ISPH-0544  
CURRENT APPLICATION NUMBER: US/09/800,631  
CURRENT FILING DATE: 2001-03-07  
PRIOR APPLICATION NUMBER: US/09/657,346  
PRIOR FILING DATE: 2000-09-07  
NUMBER OF SEQ ID NOS: 175  
SEQ ID NO 33  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-800-631-33

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 968 TCTCGCTCACTGCAACCTC 987  
DB 1 TCTCGCTCACTGCAACCTC 20

RESULT 282  
US-09-956-279-3/C  
Sequence 3, Application US/09956279  
Publication No. US2002008642A1  
GENERAL INFORMATION:

APPLICANT: Weisman, Irving L.  
APPLICANT: Traver, David Jeffrey  
APPLICANT: Akashi, Koichi  
TITLE OF INVENTION: MAMMALIAN MELOID PROGENITOR CELL  
TITLE OF INVENTION: SUBSETS  
FILE REFERENCE: STAN126CIP  
CURRENT APPLICATION NUMBER: US/09/956,279  
CURRENT FILING DATE: 2001-09-17  
PRIOR APPLICATION NUMBER: 09/607,529  
PRIOR FILING DATE: 2000-06-29  
PRIOR APPLICATION NUMBER: 60/141,421  
PRIOR FILING DATE: 1999-06-29  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: FASTSEQ for Windows Version 4.0  
SEQ ID NO: 3  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-956-279-3

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 391 AGTGGTGGATTACAGCGCT 410  
DB 20 AGTGGTGGATTACAGCGCAT 1

RESULT 283  
US-09-745-605-16/c  
Sequence 16, Application US/09745605  
Patent No. US20020123617A1  
GENERAL INFORMATION:  
APPLICANT: Starling, Gary C.  
APPLICANT: Finger, Joshua N.  
TITLE OF INVENTION: NOVEL IMMUNOGLOBIN SUPERFAMILY MEMBERS APEX-1, APEX-2,  
TITLE OF INVENTION: AND APEX-3 AND USES THEREOF  
FILE REFERENCE: DB13NP  
CURRENT APPLICATION NUMBER: US/09/745,605  
CURRENT FILING DATE: 2000-12-22  
PRIOR APPLICATION NUMBER: 60/172,025  
PRIOR FILING DATE: 1999-12-23  
NUMBER OF SEQ ID NOS: 44  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO: 16  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: JNFI4 PRIMER  
US-09-745-605-16

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 867 GGGATTACAGCGCTGACCA 886  
DB 20 GGGATTACAGCGTGTGACCA 1

RESULT 284  
US-09-263-959-1145/c  
Sequence 1145, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Rowen, Lee  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McWaters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 682-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 1145:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-1145

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 386 CCCAAGTCTGGGATTACA 405  
DB 20 CCCAAGTCTGGGATTATA 1

RESULT 285  
US-09-898-556A-84/c  
Sequence 84, Application US/09898556A  
Publication No. US20030087849A1  
GENERAL INFORMATION:  
APPLICANT: Susan M. Freiler  
APPLICANT: C. Frank Bennett  
TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION  
FILE REFERENCE: RTS-0248  
CURRENT APPLICATION NUMBER: US/09/898,556A  
CURRENT FILING DATE: 2001-07-03  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO: 84  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-898-556A-84

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 967 ATCTGGCTCACTGCAACT 986  
DB 20 ATCTGGCTCACTGCAACT 1

RESULT 286  
US-09-908-147-94/c  
Sequence 94, Application US/09908147  
Publication No. US20030144221A1  
GENERAL INFORMATION:

```
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
FILE REFERENCE: RTS-0185
CURRENT APPLICATION NUMBER: US/09/908,147
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 94
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-94

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 672 GGCTCACTGCAACCTCTGCC 691
DB 20 GGTTCACTGCAACCTCTGCC 1

RESULT 287
US-10-222-334-14/c
Sequence 14, Application US/10222334
Publication No. US20030073116A1
GENERAL INFORMATION:
APPLICANT: Ginsburg, David
APPLICANT: Levy, Galila
APPLICANT: Tsai, Han-Mou
TITLE OF INVENTION: ADAMTS3 Genes and Proteins and Variants, and Uses Thereof
FILE REFERENCE: UM-07288
CURRENT APPLICATION NUMBER: US/10/222,334
CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: 60/312,834
PRIOR FILING DATE: 2001-08-16
NUMBER OF SEQ ID NOS: 78
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-222-334-14

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 931 CTCACCTCTGTATCCAGGCT 950
DB 20 CTCACCTCTGTATCCAGGCT 1

RESULT 288
US-10-270-861-27
Sequence 27, Application US/10270861
Publication No. US2003007749A1
GENERAL INFORMATION:
APPLICANT: Adams, Sean
APPLICANT: Pan, James
TITLE OF INVENTION: UCPS
FILE REFERENCE: PI663R2
CURRENT APPLICATION NUMBER: US/10/270,861
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US/09/433,622
PRIOR FILING DATE: 1999-11-02
PRIOR APPLICATION NUMBER: US 60/110,286
PRIOR FILING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: US 60/129,583
```

```
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: US 60/143,886
PRIOR FILING DATE: 1999-07-15
NUMBER OF SEQ ID NOS: 36
SEQ ID NO 27
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
NAME/KEY: Misc feature
LOCATION: 1-20
OTHER INFORMATION: sequence is synthesized
US-10-270-861-27

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 TGGATTACAGCGGTGAGCC 885
DB 1 TGGATTACAGCGGTGAGCC 20

RESULT 289
US-10-006-366-85
Sequence 85, Application US/10006366
Publication No. US20030125273A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Doble
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSACTIVATOR EXPRESSION
FILE REFERENCE: RTS-0332
CURRENT APPLICATION NUMBER: US/10/006,366
CURRENT FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-366-85

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1024 TCCGAGCAGCTGGGATTAC 1043
DB 1 TCCGAGCAGCTGGGATTAC 20

RESULT 290
US-10-293-783-24/c
Sequence 24, Application US/10293783
Publication No. US20030130222A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP.
FILE REFERENCE: ISPH-0544
CURRENT APPLICATION NUMBER: US/10/293,783
CURRENT FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US/09/800,631
PRIOR FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
```

OTHER INFORMATION: Antisense Oligonucleotide  
US-10-293-783-24

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 538 CTGCTCAGCTCCCAAGTA 557  
Db 20 CTGCTCAGCTCCCAAGTA 1

RESULT 291

US-10-293-783-33  
Sequence 33, Application US/10293783  
Publication No. US20030130222A1

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Jacqueline Wylact

TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP

FILE REFERENCE: ISFH-0544

CURRENT FILING DATE: 2002-11-13

PRIOR APPLICATION NUMBER: US/09/800,631

PRIOR FILING DATE: 2001-03-07

PRIOR APPLICATION NUMBER: US/09/657,346

PRIOR FILING DATE: 2000-09-07

NUMBER OF SEQ ID NOS: 175

SEQ ID NO 33

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-293-783-33

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 968 TCTCGGCTCACTGCAACCTC 987  
Db 1 TCTCGGCTCACTGCAACCTC 20

RESULT 292

US-10-376-566-83

Sequence 83, Application US/10376566

Publication No. US20030158144A1

GENERAL INFORMATION:

APPLICANT: Kenneth W. Dobie

APPLICANT: Mark P. Roach

APPLICANT: Erlich Koller

TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR BETA EXPRESSION

FILE REFERENCE: RTS-0347

CURRENT FILING DATE: 2003-02-27

PRIOR APPLICATION NUMBER: US/10/005,058

PRIOR FILING DATE: 2001-12-07

NUMBER OF SEQ ID NOS: 96

SEQ ID NO 83

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-376-566-83

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1115 CTGGTCTCAAACTCCTGACC 1134

Db 1 CTGGTCTCAAACTCCTGACC 20

RESULT 293

US-10-272-665-53

Sequence 53, Application US/10272665

Publication No. US20030180748A1

GENERAL INFORMATION:

APPLICANT: Braun et al.

TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PO

FILE REFERENCE: 24736-2033E

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: US/10/272,665

PRIOR FILING DATE: 2000-07-10

PRIOR APPLICATION NUMBER: 60/217,658

PRIOR FILING DATE: 2000-07-10

PRIOR APPLICATION NUMBER: 60/159,176

PRIOR FILING DATE: 1999-10-13

PRIOR APPLICATION NUMBER: 60/217,251

PRIOR FILING DATE: 2000-07-10

PRIOR APPLICATION NUMBER: 09/663,968

PRIOR FILING DATE: 2000-09-19

NUMBER OF SEQ ID NOS: 118

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 53

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide Primer

US-10-272-665-53

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 385 TCCCAAGTGTGGATTAC 404  
Db 1 TCCCAAGTGTGGATTAC 20

RESULT 294

US-10-273-321-53

Sequence 53, Application US/10273321

Publication No. US20030180749A1

GENERAL INFORMATION:

APPLICANT: Braun et al.

TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PO

FILE REFERENCE: 24736-2033B

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: US/10/273,321

PRIOR FILING DATE: 2000-07-10

PRIOR APPLICATION NUMBER: 60/217,658

PRIOR FILING DATE: 2000-07-10

PRIOR APPLICATION NUMBER: 60/159,176

PRIOR FILING DATE: 1999-10-13

PRIOR APPLICATION NUMBER: 60/217,251

PRIOR FILING DATE: 2000-07-10

PRIOR APPLICATION NUMBER: 09/663,968

PRIOR FILING DATE: 2000-09-19

NUMBER OF SEQ ID NOS: 118

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 53

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide Primer

US-10-273-321-53



```
Publication No. US20030190644A1
GENERAL INFORMATION:
APPLICANT: Braun et al.
TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC
FILE REFERENCE: 24736-2033C
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 09/687,483
PRIOR FILING DATE: 2000-07-10
PRIOR APPLICATION NUMBER: 60/217,658
PRIOR FILING DATE: 2000-07-10
PRIOR APPLICATION NUMBER: 60/159,176
PRIOR FILING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: 60/217,251
PRIOR FILING DATE: 2000-07-10
PRIOR APPLICATION NUMBER: 09/663,968
PRIOR FILING DATE: 2000-09-19
NUMBER OF SEQ ID NOS: 118
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 53
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide Primer
US-10-272-756-53
```

```
Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 385 TCCCAAGTCTGGATTAC 404
Db 1 TCCCAAGTCTGGATTAC 20
```

```
RESULT 298
US-10-005-344-246/C
Sequence 246, Application US/10005344
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingsi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 246
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-246
```

```
Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 668 TCTTGCTCAGTGCACCTC 687
```

```
Db 20 TCTTGCTCAGTGCACCTC 1
```

```
RESULT 299
US-10-005-344-268/C
Sequence 268, Application US/10005344
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingsi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 268
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-268
```

```
Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 868 GGATTACAGCGGTAGCCAC 887
Db 20 GGATTACAGCGGTAGCCAC 1
```

```
RESULT 300
US-10-273-228-53
Sequence 53, Application US/10273228
GENERAL INFORMATION:
APPLICANT: Braun et al.
TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PO
FILE REFERENCE: 24736-2033D
CURRENT APPLICATION NUMBER: US/10/273,228
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 09/687,483
PRIOR FILING DATE: 2000-07-10
PRIOR APPLICATION NUMBER: 60/217,658
PRIOR FILING DATE: 2000-07-10
PRIOR APPLICATION NUMBER: 60/159,176
PRIOR FILING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: 60/217,251
PRIOR FILING DATE: 2000-07-10
PRIOR APPLICATION NUMBER: 09/663,968
PRIOR FILING DATE: 2000-09-19
NUMBER OF SEQ ID NOS: 118
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 53
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide Primer
US-10-273-228-53
```

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTAC 404

DB 1 TCCCAAGTCTGGATTAC 20

RESULT 301

US-10-148-355A-68/c

Sequence 68, Application US/10148355A

Publication No. US20030207831A1

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Isis Pharmaceuticals, Inc.

TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2

FILE REFERENCE: RTSP-0082

CURRENT FILING DATE: 2002-09-30

PRIOR FILING DATE: 1999-12-17

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 68

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-148-355A-68

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 735 TGGACTACAGCGCCGACC 754

DB 20 TGGACTACAGCGCCGACC 1

RESULT 302

US-10-148-355A-73/c

Sequence 73, Application US/10148355A

Publication No. US20030207831A1

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Isis Pharmaceuticals, Inc.

TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2

FILE REFERENCE: RTSP-0082

CURRENT FILING DATE: 2002-09-30

PRIOR FILING DATE: 1999-12-17

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 73

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-148-355A-73

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGCTGGATTACAGCGGTGA 882

DB 20 TGCTGGATTACAGCGGTGA 1

RESULT 303

US-10-181-875-71/c

Sequence 71, Application US/10181875

Publication No. US20030216333A1

GENERAL INFORMATION:

APPLICANT: Isis Pharmaceuticals, Inc.

APPLICANT: Robert McKay

APPLICANT: Madeline M. Butler

TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRESSION

FILE REFERENCE: RTSP-0356

CURRENT FILING DATE: 2002-07-22

PRIOR FILING DATE: 2000-01-21

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 71

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-181-875-71

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 968 TCTGGCTCACTGCAACTC 987

DB 20 TCTGGCTCACTGCAACTC 1

RESULT 304

US-10-181-875-73/c

Sequence 73, Application US/10181875

Publication No. US20030216333A1

GENERAL INFORMATION:

APPLICANT: Isis Pharmaceuticals, Inc.

APPLICANT: Brett P. Monia

APPLICANT: Robert McKay

APPLICANT: Madeline M. Butler

TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRESSION

FILE REFERENCE: RTSP-0356

CURRENT FILING DATE: 2002-07-22

PRIOR FILING DATE: 2000-01-21

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 73

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-181-875-73

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGCTGGATTACAGCGGTGA 882

DB 20 TGCTGGATTACAGCGGTGA 1

RESULT 305

US-10-282-174-211/c

Sequence 211, Application US/10282174

```
Publication No. US20030224380A1
GENERAL INFORMATION:
APPLICANT: Becker, Kenneth David
APPLICANT: Velicelebi, Gonul
APPLICANT: Elliot, Kathryn J.
APPLICANT: Wang, Xin
APPLICANT: Tanzi, Rudolph E.
APPLICANT: Bertiam, Lars
APPLICANT: Saunders, Aleister J.
APPLICANT: Mullin, Kristina M.
APPLICANT: Sampson, Andrew Johnson
APPLICANT: Blacker, Deborah Lynne
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
FILE REFERENCE: 37481-3308
CURRENT APPLICATION NUMBER: US/10/282,174
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: US 60/339,525
PRIOR FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 60/338,010
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/336,929
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/338,363
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: US 60/337,052
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 60/368,919
PRIOR FILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 564
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 211
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-282-174-211

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1064 CGCTAATTTTGTATTTC A 1083
DB 20 CGCTAATTTTGTATTTC A 1

RESULT 306
US-10-388-263-672/c
Sequence 672, Application US/10388263
GENERAL INFORMATION:
APPLICANT: Cowsett, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freiler, Susan M.
APPLICANT: Sasnor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 672
```

```
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-672

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 538 CTGCGTCAGCCTCCCACTA 557
DB 20 CTGCGTCAGCCTCCCACTA 1

RESULT 307
US-10-388-263-681
Sequence 681, Application US/10388263
GENERAL INFORMATION:
APPLICANT: Cowsett, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freiler, Susan M.
APPLICANT: Sasnor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 681
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-681

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 968 TCTGGCTCACTGCAACCTC 987
DB 1 TCTGGCTCACTGCAACCTC 20

RESULT 308
US-10-189-268-71
Sequence 71, Application US/10189268
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF GERANYLGERANYL DIPHOSPHATE SYNTHASE 1 EXP
FILE REFERENCE: PIS-0021
CURRENT APPLICATION NUMBER: US/10/189,268
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
```



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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-268-71

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 938 TGTACCAGGCTGAGTGC 957
DB 1 TGTGCCCAGGCTGAGTGC 20

RESULT 309
US-10-199-676-38
; Sequence 38, Application US/10199676
; Publication No. US20040014051A1
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BREAST CANCER-1 EXPRESSION
; FILE REFERENCE: PTS-0017
; CURRENT APPLICATION NUMBER: US/10/199,676
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-676-38

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGCTGGAG 654
DB 1 CTCTGTGCCCGAGGCTGGAG 20

RESULT 310
US-10-199-676-74/C
; Sequence 74, Application US/10199676
; Publication No. US20040014051A1
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BREAST CANCER-1 EXPRESSION
; FILE REFERENCE: PTS-0017
; CURRENT APPLICATION NUMBER: US/10/199,676
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-199-676-74

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGCTGGAG 654
DB 20 CTCTGTGCCCGAGGCTGGAG 1

RESULT 311
US-10-212-993-82
; Sequence 82, Application US/10212993
; Publication No. US20040023385A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQULEM EXPRESSION
; FILE REFERENCE: PTS-0031
; CURRENT APPLICATION NUMBER: US/10/212,993
; CURRENT FILING DATE: 2002-08-05
; NUMBER OF SEQ ID NOS: 132
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-212-993-82

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 545 AGCCTCCAGTAGTGGGA 564
DB 1 AGCCTCTCAAGTAGTGGGA 20

RESULT 312
US-10-212-993-131/C
; Sequence 131, Application US/10212993
; Publication No. US20040023385A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQULEM EXPRESSION
; FILE REFERENCE: PTS-0031
; CURRENT APPLICATION NUMBER: US/10/212,993
; CURRENT FILING DATE: 2002-08-05
; NUMBER OF SEQ ID NOS: 132
; SEQ ID NO 131
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-212-993-131

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 545 AGCCTCCAGTAGTGGGA 564
DB 20 AGCCTCTCAAGTAGTGGGA 1

RESULT 313
US-10-728-509-94/C
; Sequence 94, Application US/10728509
; Publication No. US20040077583A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509
; CURRENT FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: US/09/908,147
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
US-10-728-509-94
```

```

; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-10-728-509-94

```

Query Match	1.9%	Score 18.4	DB 1	Length 20
Best Local Similarity	95.0%	Pred. No. 4.8e+02		
Matches 19	Conservative 0	Mismatches 1	Indels 0	Gaps 0

Qy 672 GGCTCACTGCAACCTCTGCC 691  
|||  
Db 20 GGTTCACTGCAACCTCTGCC 1

```

RESULT 314
US-10-303-420-89/c
: Sequence 89, Application US/10303420
: Publication No. US20040102398A1
: GENERAL INFORMATION:
: APPLICANT: Brett P. Monia
: APPLICANT: Kenneth W. Doble
: TITLE OF INVENTION: MODULATION OF B7H EXPRESSION
: FILE REFERENCE: RTS-0417
: CURRENT APPLICATION NUMBER: US/10/303,420
: CURRENT FILING DATE: 2002-11-23
: NUMBER OF SEQ ID NOS: 271
: SEQ ID NO 89
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-420-89

```

Query Match	1.9%	Score 18.4;	DB 1;	Length 20;
Best Local Similarity	95.0%	Pred. No. 4.8e+02;		
Matches 19; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0

QY 870 ATTACAGGCGTGAGCCACCA 885  
 |||||  
 Db 20 ATTACAGGTGTGAGCCACCA 1

```

RESULT 315
US-10-316-516-64
; Sequence 64, Application US/10316516
; Publication NO. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
; FILE REFERENCE: PUS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-516-64

```

```
Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. NO. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0
```

**QY**           864 GCTGGATTACAGGCGTGAG 88  
             ||| |||||||||  
**Db**           1 GCTAGATTACAGGCGTGAG 20

## RESULT 316

US-10-316-516-121/c  
; Sequence 121, Application US/10316516  
; Publication No. US20040110150A1  
; Publication No. US20040110150A1

? APPLICANT: Erich Koller  
 ? APPLICANT: Kenneth W. Dobie  
 ? TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION  
 ? FILE REFERENCE: PTS-0057  
 ? CURRENT APPLICATION NUMBER: US/10/316,516  
 ? CURRENT FILING DATE: 2002-12-10  
 ? NUMBER OF SEQ ID NOS: 134

US-10-316-516-121

```
Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 864 GCTGGATTACAGGCGTGAG 883  
|||  
Db 20 GCTAGGATTACAGGCGTGAG 1

```

RESULT 317
US-10-671-395-82/c
/ Sequence 82, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ PRIOR FILING DATE: 2003-09-25
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 82
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-82

```

Query Match	1.9%	Score 18.4;	DB 1;	Length 20;
Best Local Similarity	95.0%	Pred. No. 4.8e+02;		
Matches 19;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0

QY 684 CCTCTGCGCTCCGGGTCAA 703  
||| |||||||||  
Db 20 CCTCGCCTCCGGGTCAA 1

```

RESULT 318
US-10-671-395-94/C
; Sequence 94, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549

```

FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-137

Query Match  
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query 685 CTCGCTCCCGGGGTTCAAG 704  
Db 20 CTCGCTCCCGGGGTTCAAG 1

RESULT 319  
US-10-671-395-112/c  
Sequence 112, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Gierse, James K  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 112  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-112

Query Match  
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query 389 AAAGTCTGGATTACAGGC 408  
Db 20 AAAGTCTGGATTACAGGC 1

RESULT 320  
US-10-671-395-137/c  
Sequence 137, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Gierse, James K  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 137  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial

FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-137

Query Match  
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query 989 GCTCCCGGGGTTCAAGCAT 1008  
Db 20 GCTCCCGGGGTTCAAGCAT 1

RESULT 321  
US-10-671-395-231/c  
Sequence 231, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Gierse, James K  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 231  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-231

Query Match  
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query 990 CCTCCCGGGGTTCAAGCAT 1009  
Db 20 CCTCCCGGGGTTCAAGCAT 1

RESULT 322  
US-10-671-395-261/c  
Sequence 261, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Gierse, James K  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 261  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-261

Query Match  
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 994 CCGGGCTCAGCGATTCTCC 1013  
Db 20 CCGGGCTCAGCGATTCTCC 1

## RESULT 323

US-10-671-395-266/c  
; Sequence 266, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Glaxo, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 266  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-266

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 388 CAAAGTCTGGGATTACAGG 407  
Db 20 CAAAGTCTGGGATTACAGG 1

## RESULT 324

US-10-671-395-269/c  
; Sequence 269, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Glaxo, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 269  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-269

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 993 CCGGGCTCAGCGATTCTTC 1012  
Db 20 CCGGGCTCAGCGATTCTTC 1

## RESULT 325

US-10-671-395-307/c  
; Sequence 307, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Glaxo, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 307  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-307

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 991 CTCGGGGCTCAGCGATTCT 1010  
Db 20 CTCGGGGCTCAGCGATTCT 1

## RESULT 326

US-10-671-395-308/c  
; Sequence 308, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Glaxo, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 308  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-308

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 992 TCCGGGGCTCAGCGATTCT 1011  
Db 20 TCCGGGGCTCAGCGATTCT 1

## RESULT 327

US-10-671-395-350/c  
; Sequence 350, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Glaxo, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE

```

; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-350

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      385 TCCCAAGTCTGGATTAC 404
Db      20 TCCCAAGTCTGGATTAC 1

RESULT 328
US-10-671-395-423/c
; Sequence 423, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 423
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-423

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      386 CCCAAGTCTGGATTACA 405
Db      20 CCCAAGTCTGGATTACA 1

RESULT 329
US-10-671-395-582/c
; Sequence 582, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-582

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      384 CTCCTCAAGTCTGGATTGA 403
Db      20 CTCCTCAAGTCTGGATTGA 1

RESULT 330
US-10-671-395-632/c
; Sequence 632, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 632
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-632

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      387 CCAAGTCTGGATTACAG 406
Db      20 CCAAGTCTGGATTACAG 1

RESULT 331
US-10-671-395-658/c
; Sequence 658, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 658
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-658
```

US-10-671-395-658

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1060 ACCCGCTAATTTTGATTT 1079  
Db 20 ACCCGCTAATTTTGATTT 1

RESULT 332

US-10-671-395-838/c  
; Sequence 838, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 838  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-838

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1062 CCCGCTAATTTTGATTTT 1081  
Db 20 CCAGCTAATTTTGATTTT 1

RESULT 333

US-10-671-395-873/c  
; Sequence 873, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 873  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-873

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1061 CCCCGTAATTTTGATTT 1080

Db 20 CCCAGCTAATTTTGATTT 1

RESULT 334

US-10-671-395-1225/c  
; Sequence 1225, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1225  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1225

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 844 CTGCCTCGGCTCCCAAGT 863  
Db 20 CGGCTCGGCTCCCAAGT 1

RESULT 335

US-10-671-395-1256/c  
; Sequence 1256, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1256  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1256

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 727 TGAGTAGCTGGGACTACAGG 746  
Db 20 TGAGTAGCTGGGACTACAGG 1

RESULT 336  
US-10-671-395-1282/c  
; Sequence 1282, Application US/10671395

```
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1282
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1282

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      726 CTGAGTACTGGAGCTACAG 745
DB      20 CTGAGTACTGGAGCTACAG 1

RESULT 337
US-10-671-395-1324/c
/ Sequence 1324, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1324
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1324

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      728 GAGTACTGGGACTACAGGC 747
DB      20 GAGTACTGGGACTACAGGC 1

RESULT 338
US-10-671-395-1370/c
/ Sequence 1370, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
```

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/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1370
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1370

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 CCTGAGTACTGGGACTACA 744
DB      20 CCTGAGTACTGGGACTACA 1

RESULT 339
US-10-671-395-1390/c
/ Sequence 1390, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1390
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1390

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      729 AGTACTGGGACTACAGCG 748
DB      20 AGTACTGGGACTACAGCG 1

RESULT 340
US-10-671-395-1391/c
/ Sequence 1391, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1391
```

LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1391

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 843 CCTGCTCGGCTCCCAAG 862  
|||  
DB 20 CCGGCTCGGCTCCCAAG 1

RESULT 341  
US-10-671-395-1417/c  
Sequence 1417, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Gierse, James K  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 1417  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1417

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 773 TGTATTTTGTAGAGATG 792  
|||  
DB 20 TGTATTTTGTAGAGACG 1

RESULT 342  
US-10-671-395-1432/c  
Sequence 1432, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Gierse, James K  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 1432  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1432

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 772 TTGTATTTTGTAGAGATG 791  
|||  
DB 20 TTGTATTTTGTAGAGACG 1

RESULT 343  
US-10-671-395-1438/c  
Sequence 1438, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Gierse, James K  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 1438  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1438

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 GTAGCTGGAGTACAGGCC 749  
|||  
DB 20 GTAGCTGGAGTACAGGCC 1

RESULT 344  
US-10-671-395-1448/c  
Sequence 1448, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Gierse, James K  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 1448  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1448

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 715 GCCCAGCTCTCTGAGTAC 734  
|||  
DB 20 GCCTCAGCTCTCTGAGTAGC 1



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RESULT 345
US-10-671-395-1453/c
; Sequence 1453, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1453
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1453

Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      716 CCCGAGCTCTCTGAGTAGCT 735
DB      20 CTCGAGCTCTCTGAGTAGCT 1

RESULT 346
US-10-671-395-1507/c
; Sequence 1507, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1507
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1507

Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      774 GTATTTTAGTAGAGGAGG 793
DB      20 GTATTTTAGTAGAGGAGG 1

RESULT 347
US-10-671-395-1524/c
; Sequence 1524, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1524
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1524

Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      724 TCCTGAGTAGCTGGAGCTAC 743
DB      20 TCCTGAGTAGCTGGAGCTAC 1

RESULT 348
US-10-671-395-1550/c
; Sequence 1550, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1550
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1550

Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      717 CCCAGCTCTCTGAGTAGCTG 736
DB      20 CTCGAGCTCTCTGAGTAGCTG 1

RESULT 349
US-10-671-395-1609/c
; Sequence 1609, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
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```
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1609
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1609

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      723 CTCTGAGTAGCTGGGACTA 742
Db      20 CTCTGAGTAGCTGGGACTTA 1

RESULT 350
US-10-671-395-1629/c
; Sequence 1629, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOXIAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1629
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1629

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      722 CCTCTGAGTAGCTGGGACT 741
Db      20 CCTCTGAGTAGCTGGGACTT 1

RESULT 351
US-10-737-576-3/c
; Sequence 3, Application US/10737576
; Publication No. US20040132186A1
; GENERAL INFORMATION:
; APPLICANT: Weisman, Irving L.
; APPLICANT: Traver, David Jeffrey
; APPLICANT: Akashi, Koichi
; TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
; FILE REFERENCE: STAN126CIP
; CURRENT APPLICATION NUMBER: US/10/737,576
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: US/09/956,279
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 09/607,529
; PRIOR FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 60/141,421
; PRIOR FILING DATE: 1999-06-29
```

```
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-737-576-3

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      391 AGTCTGGATTACAGGCGT 410
Db      20 AGTCTGGATTACAGGCAT 1

RESULT 352
US-10-745-377-63/c
; Sequence 63, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; FILE REFERENCE: 760050-109
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-63

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      485 GTGGTGATGATCAGCTCAC 504
Db      20 GTGGTGATGATCAGCTCAC 1

RESULT 353
US-10-772-542-84/c
; Sequence 84, Application US/10772542
; Publication No. US20040142898A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Pfeifer
; TITLE OF INVENTION: ANTISENSE MODULATION OF HXR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/10/772,542
; CURRENT FILING DATE: 2004-02-05
```

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; PRIOR APPLICATION NUMBER: US/09/898,556
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-772-542-84

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 967 ATCTGGCTCACTGCAACT 986
DB 20 ATCTGGCTCACTGCAACT 1

RESULT 354
US-10-476-021-44/c
; Sequence 44, Application US/10476021
; Publication No. US20040186069A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/10/476,021
; CURRENT FILING DATE: 2003-10-24
; PRIOR APPLICATION NUMBER: US/09/844,634
; PRIOR FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-021-44

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 546 GCCTCCAGTACTGGGAC 565
DB 20 GCCTCCAGTACTGGGAC 1

RESULT 355
US-10-484-669-87
; Sequence 87, Application US/10484669
; Publication No. US20040209358A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
; FILE REFERENCE: RTS-0267
; CURRENT APPLICATION NUMBER: US/10/484,669
; CURRENT FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US/09/920,759
; PRIOR FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-484-669-87

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 665 CATCTTGGCTCACTGCAAC 684
DB 1 CATCTTGGCTCACTGCAAC 20

RESULT 356
US-10-786-720-13243/c
; Sequence 13243, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13243
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13243

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 531 CATCTCTGCTGCTGACCTC 550
DB 20 CATCTCTGCTGCTGACCTC 1

RESULT 357
US-10-786-720-13254
; Sequence 13254, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13254
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-13254

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 5e+02;
Matches 14; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

OY 967 ATCTGGCTCACTGCAACT 986
DB 1 ATCTGGCTCACTGCAACT 20

RESULT 358
US-10-786-720-20212
; Sequence 20212, Application US/10786720
; Publication No. US20040191818A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20212
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20212

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      966 AATCTGGCTCACTGCAACC 985
DB      2 AATCTGAGTCACTGCAACC 21

RESULT 359
US-10-786-720-20213
; Sequence 20213, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20213
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20213

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 5e+02;
Matches 14; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      967 AATCTGGCTCACTGCAACT 986
DB      1 AUTCAGCUCACUGCAACCU 20

RESULT 360
US-10-786-720-20221
; Sequence 20221, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20221
; LENGTH: 21

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20221

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      198 CATGTGTCAAGCTGTGCT 217
DB      1 CATGTGTCAAGCTGTGCT 20

RESULT 361
US-10-786-720-20232/c
; Sequence 20232, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20232
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20232

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      642 ACCGAGGCTGAGTGCACTG 661
DB      20 ACCTGGCTGAGTGCACTG 1

RESULT 362
US-10-786-720-20364
; Sequence 20364, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20364
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20364

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 5e+02;
Matches 14; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      1116 TGGTCTCAACTCTGCACT 1135
DB      1 UGGUCUCAAACUCCAGACCU 20
```

```

RESULT 363
US-10-786-720-20365/c
; Sequence 20365, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20365
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20365

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 GTCAGGCTGCTCTCAAACTC 1128
DB 20 GCCAGGCTGCTCTCAAACTC 1

RESULT 364
US-10-786-720-20370
; Sequence 20370, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20370
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20370

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 21;
Matches 13; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 198 CATGTTGCTAGGCTGCTCT 217
DB 1 CAUCUUGCCAGCGGUGUCU 20

RESULT 365
US-10-786-720-20371/c
; Sequence 20371, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26

```

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; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20371
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20371

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 197 CCATGTTGCTAGGCTGCTC 216
DB 20 CCATGTTGCTAGGCTGCTC 1

RESULT 366
US-10-786-720-20376
; Sequence 20376, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20376
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20376

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 21;
Matches 13; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1005 CGATTCTCTGCTCTGCTC 1024
DB 1 CGAUTCUCGCGCCGAGCCU 20

RESULT 367
US-10-786-720-20377/c
; Sequence 20377, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20377
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20377

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATCTCTCTGCTC 1019

```

Db 20 TCAAGCAGATCTCTCGCCCTC 1

RESULT 368  
US-10-786-720-20440  
; Sequence 20440, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 20440  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-786-720-20440

Query Match  
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 21;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 869 GATTACAGGCGGTGAGCCACC 888  
Db 1 GATTACAGGCGGTGAGCCACC 20

RESULT 369  
US-10-786-720-20626  
; Sequence 20626, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 20626  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-786-720-20626

Query Match  
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 21;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 646 AGGCTGAGTGCAGTGGCCG 665  
Db 2 AGGCTGAGTGCAGTGGCCG 21

RESULT 370  
US-10-786-720-20628/c  
; Sequence 20628, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 20628  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNAi-antisense strand  
US-10-786-720-20628

Query Match  
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 21;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 646 AGGCTGAGTGCAGTGGCCG 665  
Db 20 AGGCTGAGTGCAGTGGCCG 1

RESULT 371  
US-09-728-552-1  
; Sequence 1, Application US/09728552  
; Publication No. US20030096398A1  
; GENERAL INFORMATION:  
; APPLICANT: Choo, Kong-Hong Andy  
; APPLICANT: Du Sart, Desirée  
; APPLICANT: Cancilla, Michael R.  
; TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE  
; FILE REFERENCE: Davies Col  
; CURRENT APPLICATION NUMBER: US/09/728,552  
; CURRENT FILING DATE: 2000-12-02  
; PRIOR APPLICATION NUMBER: 09/078,294  
; PRIOR FILING DATE: 1998-05-13  
; NUMBER OF SEQ ID NOS: 29  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: DNA primer  
US-09-728-552-1

Query Match  
Best Local Similarity 1.8%; Score 18.2; DB 1; Length 19;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 868 GGATTACAGGCGGTGAGCCA 886  
Db 1 GGATTACAGGCGGTGAGCCA 19

RESULT 372  
US-10-463-981B-1  
; Sequence 1, Application US/10463981B  
; Publication No. US20040081982A1  
; GENERAL INFORMATION:  
; APPLICANT: Choo, Kong-Hong Andy  
; APPLICANT: Wong, Lee Hwa  
; APPLICANT: Saffery, Richard Eric  
; TITLE OF INVENTION: Neocentromere-based mini-chromosomes or artificial chromosomes  
; FILE REFERENCE: A35869-PCT-USA-A (071838, 0140)  
; CURRENT APPLICATION NUMBER: US/10/463,981B  
; CURRENT FILING DATE: 2003-06-17  
; PRIOR APPLICATION NUMBER: PCT/AU01/01644  
; PRIOR FILING DATE: 2001-12-20  
; PRIOR APPLICATION NUMBER: AU PR2247  
; PRIOR FILING DATE: 2000-12-21  
; PRIOR APPLICATION NUMBER: AU PR8909  
; PRIOR FILING DATE: 2001-11-16  
; NUMBER OF SEQ ID NOS: 2  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1

```

; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-463-981B-1
```

```

Query Match          1.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      868 GGATTACAGCGCTGAGCCA 886
      |||||
Db      1 GGATTACAGGYRTGAGCCA 19
```

```

RESULT 373
US-09-935-223-7
; Sequence 7, Application US/09935223
; Publication No. US20020086983A1
; GENERAL INFORMATION:
; APPLICANT: Alnemer, Emad S.
; TITLE OF INVENTION: Padd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, At
; FILE REFERENCE: TJU2499
; CURRENT APPLICATION NUMBER: US/09/935,223
; CURRENT FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 09/723,450
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/276,993
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: 08/859,167
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Novel Sequence
US-09-935-223-7
```

```

Query Match          1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      208 AGGCTGCTCGAAGCTCC 225
      |||||
Db      1 AGGCTGCTCGAAGCTCC 18
```

```

RESULT 374
US-09-935-223-9
; Sequence 9, Application US/09935223
; Publication No. US20020086983A1
; GENERAL INFORMATION:
; APPLICANT: Alnemer, Emad S.
; TITLE OF INVENTION: Padd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, At
; FILE REFERENCE: TJU2499
; CURRENT APPLICATION NUMBER: US/09/935,223
; CURRENT FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 09/723,450
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/276,993
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: 08/859,167
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 9
; LENGTH: 18
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Novel Sequence
US-09-935-223-9
```

```

Query Match          1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      851 GGCTCCCAAGTCTGG 868
      |||||
Db      1 GGCTCCCAAGTCTGG 18
```

```

RESULT 375
US-10-198-069-43
; Sequence 43, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 43
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-43
```

```

Query Match          1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      903 TTTAATTTTGTGTTT 920
      |||||
Db      1 TTTAATTTTGTGTTT 18
```

```

RESULT 376
US-10-198-069-44
; Sequence 44, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: Patentin Ver. 2.1
```

```

; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-198-069-44
```

```

Query Match          1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      603 TTTATTTTAAATTTTG 620
          |||||
DB      1 TTTATTTTAAATTTTG 18
```

## RESULT 377

```

US-10-255-434-4
; Sequence 4, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
; FEATURE:
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
US-10-255-434-4
```

```

Query Match          1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      394 GCTGGATTACAGGCGTG 411
          |||||
DB      1 GCTGGATTACAGGCGTG 18
```

## RESULT 378

```

US-10-255-434-16/c
; Sequence 16, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett P.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 18
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-16
```

```

Query Match          1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      394 GCTGGATTACAGGCGTG 411
          |||||
DB      18 GCTGGATTACAGGCGTG 1
```

## RESULT 379

```

US-10-171-319-46/c
; Sequence 46, Application US/10171319
; Publication No. US20030157633A1
; GENERAL INFORMATION:
; APPLICANT: Ardem Patapoutian
; APPLICANT: Peter McIntyre
; APPLICANT: Stuart Bevan
; APPLICANT: Chuansheng Song
; APPLICANT: Pamosh Ganju
; TITLE OF INVENTION: VANILLOID RECEPTOR-RELATED NUCLEIC ACIDS
; FILE REFERENCE: 4-32048A
; CURRENT APPLICATION NUMBER: US/10/171,319
; CURRENT FILING DATE: 2002-10-24
; PRIOR APPLICATION NUMBER: 60/297,835
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: 60/351,238
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/352,914
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/357,161
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: 60/381,086
; PRIOR FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: 60/381,739
; PRIOR FILING DATE: 2002-05-16
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-171-319-46
```

```

Query Match          1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      638 TGTACCCAGGCTGAGT 655
          |||||
DB      18 TGTACCCAGGCTGAGT 1
```

## RESULT 380

```

US-09-881-012-160/c
; Sequence 160, Application US/09881012
; Publication No. US20020192655A1
; GENERAL INFORMATION:
; APPLICANT: Gims, Edward I.
; APPLICANT: Egeland, Janice A.
```



```
APPLICANT: Paul, Steven M.
APPLICANT: The Government of the United States of America
APPLICANT: as represented by The Secretary of the
APPLICANT: Department of Health and Human Services
TITLE OF INVENTION: Susceptibility and Resistance Genes for
FILE REFERENCE: 015280-248110US
CURRENT APPLICATION NUMBER: US/09/881,012
CURRENT FILING DATE: 2001-06-13
PRIOR APPLICATION NUMBER: US/09/175,158
PRIOR FILING DATE: 1998-10-19
PRIOR APPLICATION NUMBER: US 60/062,924
PRIOR FILING DATE: 1997-10-20
NUMBER OF SEQ ID NOS: 240
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 160
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: D4S1575 reverse primer
US-09-881-012-160

Query Match          1.8%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 639 GTCACCCAGGCTGAGTG 656
DB 19 GTCACCCAGGCTGAGTG 2

RESULT 381
US-10-098-871-37
Sequence 37, Application US/10098871
Publication No. US20030198958A1
GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A.
APPLICANT: Fernandes, Elma
APPLICANT: Hermann, John
APPLICANT: Liu, Xiaohong
APPLICANT: Yang, MeiJia
APPLICANT: Boldog, Ference
APPLICANT: Smithson, Glenda
APPLICANT: Rastelli, Luca
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND
TITLE OF INVENTION: METHODS OF USING THE SAME
FILE REFERENCE: CURA-65 CIP
CURRENT APPLICATION NUMBER: US/10/098,871
CURRENT FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: 09/659,634
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: 60/153,629
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: 60/154,520
PRIOR FILING DATE: 1999-09-16
PRIOR APPLICATION NUMBER: 60/154,762
PRIOR FILING DATE: 1999-09-20
PRIOR APPLICATION NUMBER: 60/159,231
PRIOR FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: 60/276,960
PRIOR FILING DATE: 2001-03-19
NUMBER OF SEQ ID NOS: 80
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 37
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Ag121 forward primer
US-10-098-871-37

Query Match          1.8%; Score 18; DB 1; Length 19;
```

```
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 644 CCAGCTGAGTGACGTG 661
DB 2 CCAGCTGAGTGACGTG 19

RESULT 382
US-09-950-840-28/c
Sequence 28, Application US/09950840
Publication No. US20030027155A1
GENERAL INFORMATION:
APPLICANT: DEJEAN, ANNE
APPLICANT: MARCHIO, AGNES
APPLICANT: PINEAU, PASCAL
TITLE OF INVENTION: HOMOOZYOUS DELETION OF CHROMOSOME 8p23 IN
FILE REFERENCE: 3495.0210
CURRENT APPLICATION NUMBER: US/09/950,840
CURRENT FILING DATE: 2001-09-13
PRIOR APPLICATION NUMBER: 60/234,308
PRIOR FILING DATE: 2000-09-21
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 28
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-950-840-28

Query Match          1.8%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 729 AGTAGCTGGAGCTACAGG 746
DB 18 AGTAGCTGGAGCTACAGG 1
```

```
RESULT 383
US-10-148-355A-64/c
Sequence 64, Application US/10148355A
Publication No. US20030207831A1
GENERAL INFORMATION:
APPLICANT: Ixys M. Cowest
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RSP-0082
CURRENT APPLICATION NUMBER: US/10/148,355A
CURRENT FILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: 09/467,642
PRIOR FILING DATE: 1999-12-17
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-64
```

```
Query Match          1.8%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 647 GGCTGAGTGACGTGCG 664
DB 20 GGCTGAGTGACGTGCG 3
```

RESULT 384  
US-10-172-911-80  
; Sequence 80, Application US/10172911  
; Publication No. US2003023434A1  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowart  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPN12 EXPRESSION  
; FILE REFERENCE: PFS-0016  
; CURRENT APPLICATION NUMBER: US/10/172,911  
; CURRENT FILING DATE: 2002-06-17  
; NUMBER OF SEQ ID NOS: 123  
; SEQ ID NO 80  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-172-911-80

Query Match 1.8%; Score 18; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGT 660  
DB 3 CCCAGGCTGAGTGCAGT 20

RESULT 385  
US-10-671-395-1573/c  
; Sequence 1573, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOXAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: Patent in version 3.2  
; SEQ ID NO 1573  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1573

Query Match 1.8%; Score 18; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 769 TTTTGTATTTTATAGT 786  
DB 18 TTTTGTATTTTATAGT 1

RESULT 386  
US-10-786-720-13911/c  
; Sequence 13911, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: Patent in version 3.2  
; SEQ ID NO 13911  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNAi-antisense strand  
US-10-786-720-13911

Query Match 1.8%; Score 18; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 5.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 946 AGGCTGAGTGCATGCG 963  
DB 20 AGGCTGAGTGCATGCG 3

RESULT 387  
US-10-786-720-14252  
; Sequence 14252, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: Patent in version 3.2  
; SEQ ID NO 14252  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNAi-sense strand  
US-10-786-720-14252

Query Match 1.8%; Score 18; DB 1; Length 21;  
Best Local Similarity 83.3%; Pred. No. 5.2e+02;  
Matches 15; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 871 TTACAGGCGTGCACACC 888  
DB 1 TTACAGGCGTGCACACC 18

RESULT 388  
US-10-786-720-20188/c  
; Sequence 20188, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: Patent in version 3.2  
; SEQ ID NO 20188  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-786-720-20188

Query Match 1.8%; Score 18; DB 1; Length 21;

Best Local Similarity 100.0%; Pred. No. 5.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0;  
Gaps 0;  
DB 944 CAGGCTGAGTGCAATG 961  
18 CAGGCTGAGTGCAATG 1

RESULT 389  
US-10-786-720-20430/c  
Sequence 20430, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
APPLICANT: Liu, Wei  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 2135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 20430  
LENGTH: 21  
TYPE: RNA  
ORGANISM: RNAI-antisense strand  
US-10-786-720-20430

Query Match 1.8%; Score 18; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 5.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 653 AGTCAGTGGCGCAATCT 670  
DB 20 AGTCAGTGGCGCAATCT 3

RESULT 390  
US-10-786-720-20466/c  
Sequence 20466, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
APPLICANT: Liu, Wei  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 2135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 20466  
LENGTH: 21  
TYPE: RNA  
ORGANISM: RNAI-antisense strand  
US-10-786-720-20466

Query Match 1.8%; Score 18; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 5.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 870 ATTACAGCGGTGAGCCAC 887  
DB 20 ATTACAGCGGTGAGCCAC 3

RESULT 391  
US-09-918-686-93  
Sequence 93, Application US/09918686  
Patent No. US20020076720A1  
GENERAL INFORMATION:

APPLICANT: Brunkow, Mary  
APPLICANT: Prohl, Sean  
APPLICANT: Paepfer, Bryan  
APPLICANT: Staehling-Hampton, Karen  
TITLE OF INVENTION: METHODS FOR IDENTIFYING  
FILE REFERENCE: 240083.515  
CURRENT FILING DATE: 2001-07-30  
NUMBER OF SEQ ID NOS: 105  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 93  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
US-09-918-686-93

Query Match 1.8%; Score 18; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
DB 945 CAGGCTGAGTGCAATGG 962  
1 CAGGCTGAGTGCAATGG 18

RESULT 392  
US-09-974-546-87  
Sequence 87, Application US/09974546  
Publication No. US20030050470A1  
GENERAL INFORMATION:  
APPLICANT: An, Gang  
APPLICANT: O'Hara, S. Mark  
APPLICANT: Ralph, David  
APPLICANT: Veltiel, Robert  
TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,  
PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE  
NUMBER OF SEQUENCES: 87  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/974,546  
FILING DATE: 10-Oct-2001  
CLASSIFICATION: Unknown  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/097,199  
FILING DATE: 1998-06-12  
ATTORNEY/AGENT INFORMATION:  
NAME: Nakashima, Richard A.  
REGISTRATION NUMBER: P-42,023  
REFERENCE/DOCKET NUMBER: UROC:018  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (512) 474-7577  
INFORMATION FOR SEQ ID NO: 87:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 87:

US-09-974-546-87

Query Match 1.8%; Score 18; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 383 CCTCCCAAGTCTGGGA 400  
|||||  
DB 5 CCTCCCAAGTCTGGGA 22

RESULT 393

US-10-353-150-93  
; Sequence 93, Application US/10353150  
; Publication No. US20030157543A1  
; GENERAL INFORMATION:  
; APPLICANT: Brunkow, Mary E.  
; APPLICANT: Paeper, Bryan  
; APPLICANT: Prohl, Sean  
; TITLE OF INVENTION: METHODS FOR IDENTIFYING  
; TITLE OF INVENTION: GENOMIC DELETIONS  
; FILE REFERENCE: 240083.515C1  
; CURRENT APPLICATION NUMBER: US/10/353,150  
; CURRENT FILING DATE: 2003-01-27  
; NUMBER OF SEQ ID NOS: 105  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 93  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-10-353-150-93

Query Match 1.8%; Score 18; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 CAGGCTGAGTGCATGG 962  
|||||  
DB 1 CAGGCTGAGTGCATGG 18

RESULT 394

US-09-918-686-87/C  
; Sequence 87, Application US/09918686  
; Patent No. US20020076720A1  
; GENERAL INFORMATION:  
; APPLICANT: Brunkow, Mary  
; APPLICANT: Paeper, Bryan  
; APPLICANT: Prohl, Sean  
; APPLICANT: Staehling-Hampton, Karen  
; TITLE OF INVENTION: METHODS FOR IDENTIFYING  
; TITLE OF INVENTION: GENOMIC DELETIONS  
; FILE REFERENCE: 240083.515  
; CURRENT APPLICATION NUMBER: US/09/918,686  
; CURRENT FILING DATE: 2001-07-30  
; NUMBER OF SEQ ID NOS: 105  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 87  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-09-918-686-87

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 829 GACCTTGATCTGCTGCT 849

DB 21 GACCTTGATCTGCTGCT 1  
|||||

RESULT 395

US-09-899-569A-16/C  
; Sequence 16, Application US/09899569A  
; Patent No. US20020142003A1  
; GENERAL INFORMATION:  
; APPLICANT: NO. US20020142003Albert Schweitzer  
; APPLICANT: Marwa Scherl-Mostagier  
; APPLICANT: Wolfgang Sommergruber  
; APPLICANT: Roger Abseher  
; TITLE OF INVENTION: Tumorspezifisches Antigen (B345)  
; FILE REFERENCE: 0652.2280001  
; CURRENT APPLICATION NUMBER: US/09/899,569A  
; CURRENT FILING DATE: 2001-07-06  
; PRIOR APPLICATION NUMBER: DE 100 33 080.0  
; PRIOR FILING DATE: 2000-07-07  
; PRIOR APPLICATION NUMBER: DE 101 19 294.0  
; PRIOR FILING DATE: 2001-04-19  
; PRIOR APPLICATION NUMBER: US 60/243,158  
; PRIOR FILING DATE: 2000-10-25  
; PRIOR APPLICATION NUMBER: US 60/297,747  
; PRIOR FILING DATE: 2001-06-14  
; NUMBER OF SEQ ID NOS: 40  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 16  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Description of the artificial sequence: Primer  
US-09-899-569A-16

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 991 CTCCTGGGCTCAGCAATCT 1011  
|||||  
DB 21 CTCCTGGGCTCAGCAATCT 1

RESULT 396

US-09-964-059B-143  
; Sequence 143, Application US/09964059B  
; Publication No. US20030171875A1  
; GENERAL INFORMATION:  
; APPLICANT: Frudakis, Tony  
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of  
; TITLE OF INVENTION: Sequence Data  
; FILE REFERENCE: 0201-0001  
; CURRENT APPLICATION NUMBER: US/09/964,059B  
; CURRENT FILING DATE: 2002-12-23  
; PRIOR APPLICATION NUMBER: US 60/274,686  
; PRIOR FILING DATE: 2000-03-08  
; NUMBER OF SEQ ID NOS: 239  
; SEQ ID NO 143  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
US-09-964-059B-143

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 652 GAGTCACTGGCGCAATCTG 672  
|||||  
DB 1 GAGTCACTGGCGCAATCTG 21

```
RESULT 397
US-09-964-059B-144/c
; Sequence 144, Application US/09964059B
; Publication No. US20030171875A1
GENERAL INFORMATION:
APPLICANT: Frudakis, Tony
TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
FILE REFERENCE: 0201-0001
CURRENT APPLICATION NUMBER: US/09/964,059B
PRIOR FILING DATE: 2002-12-23
PRIOR APPLICATION NUMBER: US 60/274,686
NUMBER OF SEQ ID NOS: 239
SEQ ID NO 144
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
US-09-964-059B-144

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 652 GAGTGCAGTGGCGCAATCTTG 672
DB 21 GAGTGCATGTGTCAATCTTG 1

RESULT 398
US-09-964-059B-145/c
; Sequence 145, Application US/09964059B
; Publication No. US20030171875A1
GENERAL INFORMATION:
APPLICANT: Frudakis, Tony
TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
FILE REFERENCE: 0201-0001
CURRENT APPLICATION NUMBER: US/09/964,059B
PRIOR FILING DATE: 2002-12-23
PRIOR APPLICATION NUMBER: US 60/274,686
NUMBER OF SEQ ID NOS: 239
SEQ ID NO 145
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
US-09-964-059B-145

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 652 GAGTGCAGTGGCGCAATCTTG 672
DB 21 GAGTGCATGTGTCAATCTTG 1

RESULT 399
US-10-032-495-40
; Sequence 40, Application US/10032495
; Publication No. US20020155601A1
GENERAL INFORMATION:
APPLICANT: YAN, WEN LIANG
TITLE OF INVENTION: METHOD FOR PRODUCING A POPULATION OF HOMOZYGOUS STEM
CELLS HAVING A PRE-SELECTED IMMUNOTYPE AND/OR GENOTYPE,
TITLE OF INVENTION: CELLS SUITABLE FOR TRANSPLANT DERIVED THEREFROM, AND
FILE REFERENCE: 0249-0002US
CURRENT APPLICATION NUMBER: US/10/032,495
PRIOR FILING DATE: 2002-01-02
PRIOR APPLICATION NUMBER: 60/258,861
PRIOR FILING DATE: 2001-01-02
```

```
NUMBER OF SEQ ID NOS: 86
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 40
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-032-495-40

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 867 GGGATTACAGCGCTAGCCAC 887
DB 1 GGGATTACAGCGCAGGACCAC 21

RESULT 400
US-10-032-924-67
; Sequence 67, Application US/10032924
; Publication No. US20030022190A1
GENERAL INFORMATION:
APPLICANT: Shipman, Robert
Leushner, James
Dunn, James M.
TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR
MUTATIONS IN THE BRCA1 GENE
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSER: Opedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/032,924
FILING DATE: 26-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/649,950
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN-P-028-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
OTHER INFORMATION: amplification primer for BRCA1 gene
SEQUENCE DESCRIPTION: SEQ ID NO: 67:
US-10-032-924-67
```

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 483 CAGTGTGTGATCAGCTCA 503  
|||||  
Db 1 CAGTGTGTGATCAGCTCA 21

RESULT 401  
US-10-085-906-401/c  
; Sequence 401, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Ying, Vincent  
; APPLICANT: Wu, Paul  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 401  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-401

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 935 CTCGTGTACCCAGCTGAGT 955  
|||||  
Db 21 CTCGTGTACCCAGCTGAGT 1

RESULT 402  
US-10-085-906-432/c  
; Sequence 432, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Ying, Vincent  
; APPLICANT: Wu, Paul  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 432  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-432

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 542 CTCAGCTCCCAAGTACTGG 562  
|||||  
Db 21 CTCAGCTCCCAAGTACTGG 1

RESULT 403  
US-10-085-906-474/c  
; Sequence 474, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Ying, Vincent  
; APPLICANT: Wu, Paul  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 474  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-474

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 387 CCAAGTCTGGGATTCAGG 407  
|||||  
Db 21 CCAAGTCTGGGATTCAGG 1

RESULT 404  
US-10-085-906-476/c  
; Sequence 476, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Ying, Vincent  
; APPLICANT: Wu, Paul  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 476  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-476

Query Match 1.8%; Score 17.8; DB 1; Length 21;

Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1006 GATTCCTCTGTCACGCTCC 1026  
|||||

Db 21 GATTCATGATCTCAGCTCC 1

## RESULT 405

US-10-005-956-386/c  
; Sequence 386, Application US/10005956  
; Publication No. US20030113726A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS  
; FILE REFERENCE: D0053NP  
; CURRENT APPLICATION NUMBER: US/10/005,956  
; PRIOR FILING DATE: 2001-12-03  
; PRIOR APPLICATION NUMBER: 60/251,015  
; PRIOR FILING DATE: 2000-12-04  
; PRIOR APPLICATION NUMBER: 60/263,678  
; PRIOR FILING DATE: 2001-01-23  
; PRIOR APPLICATION NUMBER: 60/273,037  
; PRIOR FILING DATE: 2001-03-02  
; NUMBER OF SEQ ID NOS: 1579  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 386  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: homo sapiens  
US-10-005-956-386

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 851 GGCCTCCCAAGTCTGGAT 871  
|||||

Db 21 GGCCTCCCAAGTCTGAGAT 1

## RESULT 406

US-10-216-122-116/c  
; Sequence 116, Application US/10216122  
; Publication No. US20030121063A1  
; GENERAL INFORMATION:  
; APPLICANT: Karazian, Haig H.  
; APPLICANT: Oseterag, Eric  
; APPLICANT: Deberardinis, Ralph  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS  
; FILE REFERENCE: 053893-5006-03  
; CURRENT APPLICATION NUMBER: US/10/216,122  
; PRIOR FILING DATE: 2002-08-09  
; PRIOR APPLICATION NUMBER: US 09/653,812  
; PRIOR FILING DATE: 2000-09-01  
; PRIOR APPLICATION NUMBER: US 08/847,844  
; PRIOR FILING DATE: 1997-04-28  
; PRIOR APPLICATION NUMBER: US 08/749,805  
; PRIOR FILING DATE: 1996-11-15  
; PRIOR APPLICATION NUMBER: US 60/006,831  
; PRIOR FILING DATE: 1995-11-16  
; NUMBER OF SEQ ID NOS: 154  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 116  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-216-122-116

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 483 CAGTGATGATCAGACTCA 503  
|||||

Db 21 CAGTGATGATCTTAGCTCA 1

## RESULT 407

US-10-255-434-7/c  
; Sequence 7, Application US/10255434  
; Publication No. US20030129626A1  
; GENERAL INFORMATION:  
; APPLICANT: Nielsen, Kirsten V.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; APPLICANT: Williams, Brett F.  
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
; FILE REFERENCE: BP0101-US  
; CURRENT APPLICATION NUMBER: US/10/255,434  
; PRIOR FILING DATE: 2002-09-24  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 7  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic  
; OTHER INFORMATION: Oligomer Sequence  
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe  
US-10-255-434-7

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 175 TTTTGTAGAGATGAGTTTC 195  
|||||

Db 21 TTTTGTAGAGAGCGGGTTTC 1

## RESULT 408

US-10-255-434-19  
; Sequence 19, Application US/10255434  
; Publication No. US20030129626A1  
; GENERAL INFORMATION:  
; APPLICANT: Nielsen, Kirsten V.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; APPLICANT: Williams, Brett F.  
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
; FILE REFERENCE: BP0101-US  
; CURRENT APPLICATION NUMBER: US/10/255,434  
; PRIOR FILING DATE: 2002-09-24  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 19  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic  
; OTHER INFORMATION: Oligomer Sequence  
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe  
US-10-255-434-19

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 175 TTTTAGTAGAGATGAGTTTC 195  
DB 1 TTTTAGTAGAGACGGGGTTTC 21

RESULT 409  
US-10-353-150-87/c  
; Sequence 87, Application US/10353150  
; Publication No. US20030157543A1  
; GENERAL INFORMATION:  
; APPLICANT: Brunkow, Mary E.  
; APPLICANT: Prohl, Sean  
; APPLICANT: Paepfer, Bryan  
; APPLICANT: Staehling-Hampton, Karen  
; TITLE OF INVENTION: METHODS FOR IDENTIFYING  
; FILE REFERENCE: 240083.515C1  
; CURRENT APPLICATION NUMBER: US/10/353,150  
; CURRENT FILING DATE: 2003-01-27  
; NUMBER OF SEQ ID NOS: 105  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 87  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-10-353-150-87

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 829 GACCTTGATGATCGCCTGCT 849  
DB 21 GACCTTGATGATCGCCTGCT 1

RESULT 410  
US-10-408-168-21/c  
; Sequence 21, Application US/10408168  
; Publication No. US20030235847A1  
; GENERAL INFORMATION:  
; APPLICANT: Paepfer, Bryan W.  
; APPLICANT: Prohl, Sean  
; APPLICANT: Charney, Patrick R.  
; APPLICANT: Brunkow, Mary E.  
; APPLICANT: Uiterlinden, Andreas Gerardus  
; TITLE OF INVENTION: ASSOCIATION OF POLYMORPHISMS IN THE SOST  
; FILE REFERENCE: 240083.525  
; CURRENT APPLICATION NUMBER: US/10/408,168  
; CURRENT FILING DATE: 2003-04-03  
; NUMBER OF SEQ ID NOS: 34  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 21  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Reverse primer  
US-10-408-168-21

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 695 CCGGTTCAAGTATTCTCTG 715  
DB 21 CCGATTCAAGTATTCTCTG 1

RESULT 411  
US-10-136-728-129/c  
; Sequence 129, Application US/10136728  
; Publication No. US20030236188A1  
; GENERAL INFORMATION:  
; APPLICANT: Spytek, Kimberly A.  
; APPLICANT: Li, Li  
; APPLICANT: Edinger, Shlomit R.  
; APPLICANT: Stone, David J.  
; APPLICANT: Guo, Xiaojia  
; APPLICANT: Anderson, David W.  
; APPLICANT: Patturajan, Meera  
; APPLICANT: Gerlach, Valerie L.  
; APPLICANT: Taupier, Raymond J.  
; APPLICANT: Pena, Carol E.A.  
; APPLICANT: Padigar, Muralidhara  
; APPLICANT: Kerkuta, Ramesh  
; APPLICANT: Gorman, Linda  
; APPLICANT: Zethusen, Bryan D.  
; APPLICANT: Smithson, Glenda  
; APPLICANT: MacDougall, John R.  
; APPLICANT: Mezes, Peter S.  
; APPLICANT: Permain, John A.

; TITLE OF INVENTION: No. US20030236188A1 Human Proteins, Polynucleotides Encoding Th.  
; FILE REFERENCE: 21402-347 D (Cura 647 Other)  
; CURRENT APPLICATION NUMBER: US/10/136,728  
; CURRENT FILING DATE: 2002-05-01  
; PRIOR APPLICATION NUMBER: 60/288,395  
; PRIOR FILING DATE: 2001-05-03  
; PRIOR APPLICATION NUMBER: 60/289,087  
; PRIOR FILING DATE: 2001-05-07  
; PRIOR APPLICATION NUMBER: 60/289,619  
; PRIOR FILING DATE: 2001-05-08  
; PRIOR APPLICATION NUMBER: 60/289,818  
; PRIOR FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: 60/289,817  
; PRIOR FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: 60/290,194  
; PRIOR FILING DATE: 2001-05-11  
; PRIOR APPLICATION NUMBER: 60/290,753  
; PRIOR FILING DATE: 2001-05-14  
; PRIOR APPLICATION NUMBER: 60/291,189  
; PRIOR FILING DATE: 2001-05-15  
; PRIOR APPLICATION NUMBER: 60/292,374  
; PRIOR FILING DATE: 2001-05-21  
; PRIOR APPLICATION NUMBER: 60/293,107  
; PRIOR FILING DATE: 2001-05-23  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 132  
; SEQ ID NO 129  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer  
US-10-136-728-129

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 870 ATTACAGCGGTGAGCCACAC 890  
DB 21 ATTACAGGTGTGAGCCACCTC 1

RESULT 412  
US-10-051-874-259/c  
; Sequence 259, Application US/10051874  
; Publication No. US20040005557A1  
; GENERAL INFORMATION:



Query Match . 1.8%; Score 17.8; DB 1; Length 21;

APPLICANT: Burgess, Catherine E.,

APPLICANT: Chant, John S.,

```
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: DiPippo, Vincent A.,
APPLICANT: Edinger, Shlomit R.,
APPLICANT: Eichen, Andrew,
APPLICANT: Ellerman, Karen,
APPLICANT: Gangolli, Esha A.,
APPLICANT: Gorman, Linda,
APPLICANT: Gerlach, Valerie,
APPLICANT: Ji, Weizhen,
APPLICANT: Kekuda, Ramesh,
APPLICANT: Khramtsov, Nikolai,
APPLICANT: Li, Li,
APPLICANT: Malysankar, Uriel M.,
APPLICANT: MacDougall, John R.,
APPLICANT: Mezes, Peter S. E.,
APPLICANT: Miller, Charles E.,
APPLICANT: Millet, Isabelle,
APPLICANT: Ooi, Chean Eng,
APPLICANT: Ort, Tatiana,
APPLICANT: Padigaru, Muralidhara,
APPLICANT: Paturajan, Meera,
APPLICANT: Rastelli, Luca,
APPLICANT: Rieger, Daniel K.,
APPLICANT: Rothenberg, Mark E.,
APPLICANT: Shenoy, Suresh G.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Spyrek, Kimberley A.,
APPLICANT: Taupier, J.F., Raymond J.,
APPLICANT: Vernet, Corine A.M.,
APPLICANT: Zernusen, Bryan D.,
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-480C
CURRENT FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: 60/334,421
PRIOR FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/354,392
PRIOR FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/360,148
PRIOR FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: 60/364,000
PRIOR FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 60/404,821
PRIOR FILING DATE: 2002-08-20
PRIOR APPLICATION NUMBER: 60/334,526
PRIOR FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/354,409
PRIOR FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/364,227
PRIOR FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: 60/331,641
PRIOR FILING DATE: 2001-11-20
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 673
SOFTWARE: Cnaseqlist version 0.1
SEQ ID NO 567
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-287-226-567

Query Match          1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      220 AACTCCGACTCGATGATC 240
      |||||
Db      1 AACTCTGACTCGAGTGATC 21
```

```
RESULT 415
US-10-786-720-13162/c
; Sequence 13162, Application US/10786720
; Publication No. US2004019181B1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 2135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13162
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-13162

Query Match          1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      795 TTTCACATGTCGCGAGTTG 815
      |||||
Db      21 TTTCACATGTTAGCCAGATG 1
```

```
RESULT 416
US-10-786-720-13228/c
; Sequence 13228, Application US/10786720
; Publication No. US2004019181B1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 2135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13228
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-13228

Query Match          1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      212 TGGTTCGACTCCGACCTC 232
      |||||
Db      21 TGGTTCGATCTCCTGACCTC 1
```

```
RESULT 417
US-10-786-720-13244/c
; Sequence 13244, Application US/10786720
; Publication No. US2004019181B1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
```

;; CURRENT APPLICATION NUMBER: US/10/786,720  
;; CURRENT FILING DATE: 2004-02-26  
;; NUMBER OF SEQ ID NOS: 21135  
;; SOFTWARE: PatentIn version 3.2  
;; SEQ ID NO: 13244  
;; LENGTH: 21  
;; TYPE: RNA  
;; ORGANISM: RNAi-sense strand  
US-10-786-720-13244

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 528 AACGATCTCTGCTGACCC 548  
DB 21 AACGATCTCTGCTGACCC 1

RESULT 418  
US-10-786-720-14248  
; Sequence 14248, Application US/10786720  
; Publication No. US2004019181A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO: 14248  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-786-720-14248

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1038 GATTACGGGACCTGCACCA 1058  
DB 1 GATTACGGGACCTGCACCA 21

RESULT 419  
US-10-786-720-15461  
; Sequence 15461, Application US/10786720  
; Publication No. US2004019181A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO: 15461  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNAi-sense strand  
US-10-786-720-15461

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 66.7%; Pred. No. 5.4e+02;  
Matches 14; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCAGAGCTCACTGCAGCCTT 513  
DB 1 AUCACAGUUCAUUGCAGCCUU 21

RESULT 420  
US-10-786-720-15809  
; Sequence 15809, Application US/10786720  
; Publication No. US2004019181A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO: 15809  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNAi-sense strand  
US-10-786-720-15809

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 66.7%; Pred. No. 5.4e+02;  
Matches 14; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCAGAGCTCACTGCAGCCTT 513  
DB 1 AUCACAGUUCAUUGCAGCCUU 21

RESULT 421  
US-10-786-720-16139  
; Sequence 16139, Application US/10786720  
; Publication No. US2004019181A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO: 16139  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNAi-sense strand  
US-10-786-720-16139

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 66.7%; Pred. No. 5.4e+02;  
Matches 14; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCAGAGCTCACTGCAGCCTT 513  
DB 1 AUCACAGUUCAUUGCAGCCUU 21

RESULT 422  
US-10-786-720-16493  
; Sequence 16493, Application US/10786720  
; Publication No. US2004019181A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot

```

APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 16493
LENGTH: 21
TYPE: RNA
ORGANISM: RNAI-sense strand
US-10-786-720-16493

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Matches 14; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCACAGCTACTGCACGCTT 513
1 AUCACAGUCAUUGCAGCCUU 21

RESULT 423
US-10-786-720-19979
Sequence 19979, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 19979
LENGTH: 21
TYPE: RNA
ORGANISM: RNAI-sense strand
US-10-786-720-19979

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Matches 13; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 968 TCCTGGCTACTGCACCTCT 988
1 UUCAGCUCAUCGACCCTT 21

Db 1 UUCAGCUCAUCGACCCTT 21

RESULT 424
US-10-786-720-20179/c
Sequence 20179, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20179
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20179

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 969 CTCAGCTACTGAAACCTTG 1
21 CTCAGCTACTGAAACCTTG 1

Db 21 CTCAGCTACTGAAACCTTG 1

RESULT 427
US-10-786-720-20209
Sequence 20209, Application US/10786720

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```
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20209
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20209

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 657 CAGTGGCGCAATCTGAGCTCA 677
DB 1 CAGTGGCGCAATCTGAGCTCA 21

RESULT 428
US-10-786-720-20218
Sequence 20218, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20218
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20218

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 195 CTCGATTTGGTCAGGCTGCT 215
DB 1 CACCATGTTGACACGGCTGCT 21

RESULT 429
US-10-786-720-20219
Sequence 20219, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20219
```

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LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-20219

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 5.4e+02;
Matches 13; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 197 CCATGTTGGTCAGGCTGCT 217
DB 1 CCAUTUGACACGCGUGGUU 21

RESULT 430
US-10-786-720-20359/c
Sequence 20359, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20359
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20359

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 220 AACTCCGACCTCAGATGATC 240
DB 21 AACTCCGACCTCAGATGATC 1

RESULT 431
US-10-786-720-20375/c
Sequence 20375, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20375
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-20375

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1003 AGCATTTCTCTGCTCAGCC 1023
DB 21 AACGATTTCTCTGCTCAGCC 1
```

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CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ. ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20590
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20590

Query Match      1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1038 GATTACGGGACCTGCACCA 1058
      ||||| ||||| ||||| |||||
Db      21 GATTACAGGACCTGCACCTA 1

RESULT 435
US-09-225-201-25/C
Sequence 25, Application US/09225201
Patent No. US20010007744A1
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
           Johndaze, George
           Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
           EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic, Field & Francis LLP
STREET: 200 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201
FILING DATE: 05-Jan-1999
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: CLON-001CIP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3400
TELEFAX: 650-327-3231
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-225-201-25

Query Match      1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

643 CCCAGCTGAGTGCAGTGC 663
      ||||| ||||| ||||| |||||

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Db 21 CTCAGGCTGAGTGTAGTGCC 1

## RESULT 436

US-09-834-795A-10  
; Sequence 10, Application US/09834795A  
; Patent No. US20020076710A1  
; GENERAL INFORMATION:  
; APPLICANT: Lawrence, Papsidero  
; APPLICANT: Lynn, Dyster  
; APPLICANT: Jana, Frustaci  
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer  
; FILE REFERENCE: 3380/11127-US3  
; CURRENT FILING DATE: 2001-04-12  
; PRIOR FILING DATE: 1998-09-03  
; PRIOR FILING DATE: 1998-01-20  
; PRIOR FILING DATE: 1998-07-09  
; PRIOR FILING DATE: 1998-07-09  
; NUMBER OF SEQ ID NOS: 35  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 10  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-834-795A-10

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 5.6e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 CTGGGATTACAGCGGTGAGCC 885

Db 2 CTGGGATTATAGGTGTAGGCC 22

## RESULT 437

US-09-834-795A-14  
; Sequence 14, Application US/09834795A  
; Patent No. US20020076710A1  
; GENERAL INFORMATION:  
; APPLICANT: Lawrence, Papsidero  
; APPLICANT: Lynn, Dyster  
; APPLICANT: Jana, Frustaci  
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer  
; FILE REFERENCE: 3380/11127-US3  
; CURRENT FILING DATE: 2001-04-12  
; PRIOR FILING DATE: 1998-09-03  
; PRIOR FILING DATE: 1998-01-20  
; PRIOR FILING DATE: 1998-07-09  
; PRIOR FILING DATE: 1998-07-09  
; NUMBER OF SEQ ID NOS: 35  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 14  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Gene specific primer (24R)  
US-09-834-795A-14

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 5.6e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 CTGGGATTACAGCGGTGAGCC 885

Db 2 CTGGGATTATAGGTGTAGGCC 22

## RESULT 438

US-09-918-686-88  
; Sequence 88, Application US/09918686  
; Patent No. US20020076720A1  
; GENERAL INFORMATION:  
; APPLICANT: Brunkow, Mary  
; APPLICANT: Prohl, Sean  
; APPLICANT: Paepel, Bryan  
; APPLICANT: Staehling-Hampton, Karen  
; TITLE OF INVENTION: METHODS FOR IDENTIFYING  
; TITLE OF INVENTION: GENOMIC DELETIONS  
; FILE REFERENCE: 240083.515  
; CURRENT FILING DATE: US/09/918, 686  
; CURRENT FILING DATE: 2001-07-30  
; NUMBER OF SEQ ID NOS: 105  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 88  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-09-918-686-88

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 5.6e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 672 GGCTCACTGCACCTCTGCT 692

Db 1 GGCTCACTGCACCTCACCCT 21

## RESULT 439

US-09-834-794A-10  
; Sequence 10, Application US/09834794A  
; Publication No. US20030026777A1  
; GENERAL INFORMATION:  
; APPLICANT: Lawrence, Papsidero  
; APPLICANT: Lynn, Dyster  
; APPLICANT: Jana, Frustaci  
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer  
; FILE REFERENCE: 3380/11127-US4  
; CURRENT FILING DATE: 2001-04-13  
; PRIOR FILING DATE: 1998-09-03  
; PRIOR FILING DATE: 1998-01-20  
; PRIOR FILING DATE: 1998-07-09  
; PRIOR FILING DATE: 1998-07-09  
; NUMBER OF SEQ ID NOS: 35  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 10  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-834-794A-10

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 5.6e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 CTGGGATTACAGCGGTGAGCC 885

Db 2 CTGGGATTATAGGTGTAGGCC 22

## RESULT 440

US-09-834-794A-14  
; Sequence 14, Application US/09834794A

```
Publication No. US20030026777A1
GENERAL INFORMATION:
APPLICANT: Lawrence, Papsidero
APPLICANT: Lyn, Dyster
APPLICANT: Jana, Frustaci
TITLE OF INVENTION: Detection and Treatment of Breast Cancer
FILE REFERENCE: 3380/11127-US4
CURRENT APPLICATION NUMBER: US/09/834,794A
CURRENT FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/146,580
PRIOR FILING DATE: 1998-09-03
PRIOR APPLICATION NUMBER: 60/071,899
PRIOR FILING DATE: 1998-01-20
PRIOR APPLICATION NUMBER: 60/092,155
PRIOR FILING DATE: 1998-07-09
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn version 3.0
SEQ ID NO 14
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Gene specific primer (24R)
US-09-834-794A-14

Query Match          1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      865 CTGGATTACAGCGCTGAGCC 885
DB      2  CTGGATTATATAGTGTGAGCC 22

RESULT 441
US-10-353-150-88
Sequence 88, Application US/10353150
Publication No. US20030157543A1
GENERAL INFORMATION:
APPLICANT: Brunkow, Mary E.
APPLICANT: Prohl, Sean
APPLICANT: Paepfer, Bryan
APPLICANT: Staehling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REFERENCE: 240083.515C1
CURRENT APPLICATION NUMBER: US/10/353,150
CURRENT FILING DATE: 2003-01-27
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 88
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-353-150-88

Query Match          1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      672 GGCTCAGTGCACCTCTGCT 692
DB      1  GGCTCAGTGCACCTCTGCT 21

RESULT 442
US-10-436-523-23/C
Sequence 23, Application US/10436523
Publication No. US20030180888A1
GENERAL INFORMATION:
APPLICANT: Fraser, Christopher C.
```

```
TITLE OF INVENTION: CD2000 AND CD2001 MOLECULES, AND USES THEREOF
FILE REFERENCE: 7853-244-999
CURRENT APPLICATION NUMBER: US/10/436,523
CURRENT FILING DATE: 2003-05-12
PRIOR APPLICATION NUMBER: US/10/007,303
PRIOR FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 09/706,167
PRIOR FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 100
SOFTWARE: PatentIn version 3.1
SEQ ID NO 23
LENGTH: 22
TYPE: DNA
ORGANISM: Abies alba
US-10-436-523-23

Query Match          1.8%; Score 17.9; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1005 CGATTCTCTGCTCAGCCTC 1025
DB      22  CGATTCTCTGCTCAGCCTC 2

RESULT 443
US-09-988-626-100/C
Sequence 100, Application US/09988626
Publication No. US20030044959A1
GENERAL INFORMATION:
APPLICANT: Tavtigian, Sean V.
APPLICANT: Teng, David H.F.
APPLICANT: Simard, Jacques
APPLICANT: Rommens, Johanna M.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
FILE REFERENCE: 2318-258
CURRENT APPLICATION NUMBER: US/09/988,626
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 09/564,805
PRIOR FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: US 60/107,468
PRIOR FILING DATE: 1998-11-06
PRIOR APPLICATION NUMBER: 09/434,382
PRIOR FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 240
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 100
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-988-626-100

Query Match          1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      541 CCTAGCCTCCCAAGTAGC 559
DB      19  CCTAGCCTCCCAATATAGC 1

RESULT 444
US-09-988-687-100/C
Sequence 100, Application US/09988687
Publication No. US20030045704A1
GENERAL INFORMATION:
APPLICANT: Tavtigian, Sean V.
APPLICANT: Teng, David H.F.
APPLICANT: Simard, Jacques
APPLICANT: Rommens, Johanna M.
APPLICANT: Myriad Genetics, Inc.
```



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; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
; FILE REFERENCE: 2318-258
; CURRENT APPLICATION NUMBER: US/09/988,687
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 09/564,805
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/107,468
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: 09/434,382
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 100
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-988-687-100
```

```

Query Match          1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      541 CCTCAGCCTCCCAAGTAGC 559
      |||||
Db      19 CCTCAGCCTCCCAAGTAGC 1
```

```

RESULT 445
US-09-988-686-100/c
; Sequence 100, Application US/09988686
; Publication No. US20030120052A1
; GENERAL INFORMATION:
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Teng, David H.P.
; APPLICANT: Simard, Jacques
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Myriad Genetics, Inc.
; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
; TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
; FILE REFERENCE: 2318-258
; CURRENT APPLICATION NUMBER: US/09/988,686
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 09/564,805
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/107,468
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: 09/434,382
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 100
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-988-686-100
```

```

Query Match          1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      541 CCTCAGCCTCCCAAGTAGC 559
      |||||
Db      19 CCTCAGCCTCCCAAGTAGC 1
```

```

RESULT 446
US-10-086-181-10/c
; Sequence 10, Application US/10086181
; Publication No. US2002017151A1
; GENERAL INFORMATION:
; APPLICANT: Gimeno, Ruth
; APPLICANT: METHODS FOR THE TREATMENT OF METABOLIC
; TITLE OF INVENTION: METHODS FOR THE TREATMENT OF METABOLIC
```

```

; TITLE OF INVENTION: DISORDERS, INCLUDING OBESITY AND DIABETES
; FILE REFERENCE: MNT-220
; CURRENT APPLICATION NUMBER: US/10/086,181
; CURRENT FILING DATE: 2002-02-26
; PRIOR APPLICATION NUMBER: 60/271,655
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-086-181-10
```

```

Query Match          1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      681 CAACCTGCTCCCTCCGCGT 699
      |||||
Db      19 CAACCTGCTCCCTCCGCGT 1
```

```

RESULT 447
US-10-204-254A-57/c
; Sequence 57, Application US/10204254A
; Publication No. US20030176649A1
; GENERAL INFORMATION:
; APPLICANT: VIKKULA, Milka
; TITLE OF INVENTION: VMGLOM gene and its mutations causing disorders with a vascular
; FILE REFERENCE: DELCE59.001APC
; CURRENT APPLICATION NUMBER: US/10/204,254A
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: PCT/EP01/01760
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: 00870022.1
; PRIOR FILING DATE: 2000-02-16
; PRIOR APPLICATION NUMBER: 60/195,777
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 00870320.9
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 57
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-10-204-254A-57
```

```

Query Match          1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      214 GTCTGAACCTCCGACCTC 232
      |||||
Db      19 GTCTGAACCTCCGACCTC 1
```

```

RESULT 448
US-10-204-254A-64
; Sequence 64, Application US/10204254A
; Publication No. US20030176649A1
; GENERAL INFORMATION:
; APPLICANT: VIKKULA, Milka
; TITLE OF INVENTION: VMGLOM gene and its mutations causing disorders with a vascular
; FILE REFERENCE: DELCE59.001APC
; CURRENT APPLICATION NUMBER: US/10/204,254A
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: PCT/EP01/01760
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: 00870022.1
```

```

; PRIOR FILING DATE: 2000-02-16
; PRIOR APPLICATION NUMBER: 60/195,777
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 00870320.9
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-10-204-254A-64

Query Match          1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 544 CAGCTCCCAAGTACTG3 562
DB 1 CAGCTCCCAAGTACTG 19

RESULT 449
US-10-051-874-258/c
; Sequence 258, Application US/10051874
; Publication No. US20040005557a1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Murajidhara
; APPLICANT: Alsobrook II, John P
; APPLICANT: Coleman, Steven D
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Boldog, Ferenc
; APPLICANT: Vernet, Corine AM
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Casman, Stacie J
; APPLICANT: Edinger, Shlomit R
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Paturajan, Meera
; APPLICANT: Shinkets, Richard A
; APPLICANT: Pena, Carol EA
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Zernusen, Bryan D
; APPLICANT: Millet, Isabelle
; APPLICANT: Miller, Charles E
; APPLICANT: Lepley, Denise M
; APPLICANT: Smithson, Glenda
; APPLICANT: Baumgartner, Jason C
; APPLICANT: Herrman, John L
; APPLICANT: Peyman, John A
; APPLICANT: Gorman, Linda
; APPLICANT: Mezes, Peter D
; APPLICANT: Teakuda, Ramesh
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Gerlach, Valerie
; APPLICANT: Grosse, William M
; APPLICANT: Liu, Xiaohong
; APPLICANT: Ellertman, Karen
; APPLICANT: Rothenberg, Mark
; APPLICANT: Stone, David J
; APPLICANT: Burgess, Catherine E
; TITLE OF INVENTION: PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF
; FILE REFERENCE: 21402-245
; CURRENT APPLICATION NUMBER: US/10/051,874
; CURRENT FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: 60/268,595
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/325,306
```

```

; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 60/262,587
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: 60/272,409
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/262,454
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: 60/276,777
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/291,672
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: 60/330,336
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 60/265,530
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/261,376
; PRIOR FILING DATE: 2001-01-16
; NUMBER OF SEQ ID NOS: 269
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 258
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-10-051-874-258
```

```

Query Match          1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 675 TCACTGCACTCTGCTC 693
DB 19 TCACTGCACTCTGCTC 1
```

```

RESULT 450
US-10-455-552-62
; Sequence 62, Application US/10455552
; Publication No. US20040018533b1
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 62
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-455-552-62
```

```

Query Match          1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 387 CCAAGTCTGGATTACA 405
DB 1 CCAAGTCTGGATTACA 19
```

RESULT 451

US-10-455-552-66/c  
 ; Sequence 66, Application US/10455552  
 ; Publication No. US2004001853A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Adam, Gail Isabel  
 ; APPLICANT: Langdown, Maria  
 ; APPLICANT: Roth, Richard  
 ; APPLICANT: Denissenko, Mikhail  
 ; APPLICANT: Smylie, Kevin  
 ; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT  
 ; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT  
 ; FILE REFERENCE: 52459-20030.00  
 ; CURRENT APPLICATION NUMBER: US/10/455,552  
 ; PRIOR FILING DATE: 2003-06-04  
 ; PRIOR APPLICATION NUMBER: US 60/386,012  
 ; NUMBER OF SEQ ID NOS: 98  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 66  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Primer  
 US-10-455-552-66

Query Match 1.8%; Score 17.4; DB 1; Length 19;  
 Best Local Similarity 94.7%; Pred. No. 5.2e+02;  
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 390 AAGTGTGGATTACAGGC 408

DB 19 AAGTGTGGATTACAGGC 1

RESULT 452

US-10-731-739-222  
 ; Sequence 222, Application US/10731739  
 ; Publication No. US2004017582A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Carulli, John P.  
 ; APPLICANT: Little, Randall D.  
 ; APPLICANT: Recker, Robert R.  
 ; APPLICANT: Johnson, Mark L.  
 ; TITLE OF INVENTION: High bone mass gene of 11q13.3  
 ; FILE REFERENCE: 032796-013  
 ; CURRENT APPLICATION NUMBER: US/10/731,739  
 ; PRIOR FILING DATE: 2003-12-10  
 ; PRIOR APPLICATION NUMBER: US/09/544,398B  
 ; PRIOR FILING DATE: 2002-06-10  
 ; PRIOR APPLICATION NUMBER: US 09/229,319  
 ; PRIOR FILING DATE: 1999-01-13  
 ; PRIOR APPLICATION NUMBER: US 60/071,449  
 ; PRIOR FILING DATE: 1998-01-13  
 ; PRIOR APPLICATION NUMBER: US 60/105,511  
 ; PRIOR FILING DATE: 1998-10-23  
 ; NUMBER OF SEQ ID NOS: 641  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 222  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-731-739-222

Query Match 1.8%; Score 17.4; DB 1; Length 19;  
 Best Local Similarity 94.7%; Pred. No. 5.2e+02;  
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 392 GTGCTGGATTACAGGCT 410

|||||

DB 1 GTGCTGGATTACAGGCT 19

RESULT 453

US-09-752-983-249/c  
 ; Sequence 249, Application US/09752983  
 ; Patent No. US20010016575A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESS: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/752,983  
 ; FILING DATE: 02-Jan-2001  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/280,805  
 ; FILING DATE: <Unknown>  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 249:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 US-09-752-983-249

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
 Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 531 CATCTCTGCTCCTCAGGCT 549

DB 19 CATCTCTGCTCCTCAGGCT 1

RESULT 454

US-09-752-983-256/c  
 ; Sequence 256, Application US/09752983  
 ; Patent No. US20010016575A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESS: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
 Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/752,983  
FILING DATE: 02-Jan-2001  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/280,805  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 256:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-752-983-256

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 578 CCACCTACCTGCTGCTAATT 596  
Db 19 CCACCACTGCTGCTAATT 1

RESULT 455  
US-09-752-983-257/c  
Sequence 257, Application US/09752983  
Patent No. US20010016575A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDN2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/752,983  
FILING DATE: 02-Jan-2001  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/280,805  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 257:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-752-983-257

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 771 TTGTATTTAGTAGAGA 789  
Db 20 TTGTACTTTAGTAGAGA 2

RESULT 456  
US-09-733-294A-81/c  
Sequence 81, Application US/09733294A  
Patent No. US20020045588A1  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: William Gaarde  
APPLICANT: Susan M. Freiler  
APPLICANT: Edward V. Wanciewicz  
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION  
FILE REFERENCE: ISPH-0527  
CURRENT APPLICATION NUMBER: US/09/733,294A  
CURRENT FILING DATE: 2000-12-07  
PRIOR APPLICATION NUMBER: 09/572,423  
PRIOR FILING DATE: 2000-05-16  
NUMBER OF SEQ ID NOS: 108  
SEQ ID NO 81  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-733-294A-81

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1121 TCAACTCTGACCTGACG 1139  
Db 20 TCAACTCTGACCTGACG 2

RESULT 457  
US-09-800-631-32  
Sequence 32, Application US/09800631  
Patent No. US2002008228A1  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF BHS INTERACTING DOMAIN DEATH AGONIST EXP  
FILE REFERENCE: ISPH-0544  
CURRENT APPLICATION NUMBER: US/09/800,631  
CURRENT FILING DATE: 2001-03-07  
PRIOR APPLICATION NUMBER: US/09/657,346  
PRIOR FILING DATE: 2000-09-07  
NUMBER OF SEQ ID NOS: 175  
SEQ ID NO 32  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-800-631-32

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 191 GTTTCCTCATGTTGGTCAG 209  
|||||  
DB 2 GTTTCACCATGTTGGTCAG 20

RESULT 458

US-09-800-631-49  
; Sequence 49, Application US/09800631  
; Patent No. US20020082228A1  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP  
; FILE REFERENCE: ISPH-0544  
; CURRENT APPLICATION NUMBER: US/09/800,631  
; PRIOR FILING DATE: 2001-03-07  
; PRIOR APPLICATION NUMBER: US/09/657,346  
; PRIOR FILING DATE: 2000-09-07  
; NUMBER OF SEQ ID NOS: 175  
; SEQ ID NO 49  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-800-631-49

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 729 AGTAGCTGGAGCTACAGGC 747  
|||||  
DB 2 AGTAGCTGGAGCTACAGGC 20

RESULT 459

US-09-745-605-17  
; Sequence 17, Application US/09745605  
; Patent No. US20020123617A1  
; GENERAL INFORMATION:  
; APPLICANT: Starling, Gary C.  
; APPLICANT: Finger, Joshua N.  
; TITLE OF INVENTION: NOVEL IMMUNOGLOBIN SUPERFAMILY MEMBERS APEX-1, APEX-2,  
; FILE REFERENCE: DB13NP  
; CURRENT APPLICATION NUMBER: US/09/745,605  
; CURRENT FILING DATE: 2000-12-22  
; PRIOR APPLICATION NUMBER: 60/172,025  
; PRIOR FILING DATE: 1999-12-23  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 17  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: UNF15 PRIMER  
US-09-745-605-17

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 967 ATCTGGCTCAGTCAGCAC 985  
|||||  
DB 2 ATCTGGCTCAGTCAGCAC 20

RESULT 460  
US-09-863-806-155/C  
; Sequence 155, Application US/09863806  
; Publication No. US20020197608A1  
; GENERAL INFORMATION:  
; APPLICANT: Sidoransky, David  
; TITLE OF INVENTION: DETECTION OF NEOPLASIA BY ANALYSIS OF SALIVA  
; NUMBER OF SEQUENCES: 195  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Fish & Richardson P.C.  
; STREET: 4225 Executive Square, Suite 1400  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: diskette  
COMPUTER: IBM compatible

OPERATING SYSTEM: Windows 95  
SOFTWARE: FastSeq for Windows Version 2.0b

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/863,806  
FILING DATE: 22-May-2001

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/038,637  
FILING DATE: <Unknown>

APPLICATION NUMBER: 08/152,313  
FILING DATE: 12-NOV-1993

ATTORNEY/AGENT INFORMATION:  
NAME: Haile, Lisa A.

REGISTRATION NUMBER: 38,347  
REFERENCE/DOCKET NUMBER: 07265/146001

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619/678-5070  
TELEFAX: 619/678-5099

INFORMATION FOR SEQ ID NO: 155:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: Genomic DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 155:

US-09-863-806-155

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 646 AGGCTGAGTGCAGTGGCG 664  
|||||  
DB 20 AGGCTGAGTGCAGTGGTG 2

RESULT 461

US-09-993-731-23  
; Sequence 23, Application US/09993731  
; Publication No. US20030105040A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION  
; FILE REFERENCE: RTS-0302  
; CURRENT APPLICATION NUMBER: US/09/993,731  
; CURRENT FILING DATE: 2001-11-13  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 23  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-993-731-23

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 645 CAGGCTGGAGTGCAGTGC 663  
|||  
DB 2 CAGGTTGAGTGCAGTGC 20

RESULT 462

US-09-908-147-150  
; Sequence 150, Application US/09908147  
; Publication No. US20030144221A1  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION  
; FILE REFERENCE: RTS-0185  
; CURRENT APPLICATION NUMBER: US/09/908,147  
; CURRENT FILING DATE: 2001-07-17  
; NUMBER OF SEQ ID NOS: 168  
; SEQ ID NO 150  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-908-147-150

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 394 GCTGGATTACAGCGCTGC 412  
|||  
DB 1 GCTGGATTAAAGCGCTGC 19

RESULT 463

US-10-010-002-86  
; Sequence 86, Application US/10010002  
; Publication No. US20030125277A1  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Kenneth Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0331  
; CURRENT APPLICATION NUMBER: US/10/010,002  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 86  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-010-002-86

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGGATTA 403  
|||  
DB 1 TCTCAAGTCTGGGATTA 19

RESULT 464  
US-10-293-783-32  
; Sequence 32, Application US/10293783  
; Publication No. US20030130222A1

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPRESSION  
; FILE REFERENCE: ISPH-0544  
; CURRENT APPLICATION NUMBER: US/10/293,783  
; CURRENT FILING DATE: 2002-11-13  
; PRIOR APPLICATION NUMBER: US/09/800,631  
; PRIOR FILING DATE: 2001-03-07  
; PRIOR APPLICATION NUMBER: US/09/657,346  
; PRIOR FILING DATE: 2000-09-07  
; NUMBER OF SEQ ID NOS: 175  
; SEQ ID NO 32  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-293-783-32

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 191 GTTCTCCATGTTGTCAG 209  
|||  
DB 2 GTTCCACATGTTGTCAG 20

RESULT 465  
US-10-293-783-49

; Sequence 49, Application US/10293783  
; Publication No. US20030130222A1  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPRESSION  
; FILE REFERENCE: ISPH-0544  
; CURRENT APPLICATION NUMBER: US/10/293,783  
; CURRENT FILING DATE: 2002-11-13  
; PRIOR APPLICATION NUMBER: US/09/800,631  
; PRIOR FILING DATE: 2001-03-07  
; PRIOR APPLICATION NUMBER: US/09/657,346  
; PRIOR FILING DATE: 2000-09-07  
; NUMBER OF SEQ ID NOS: 175  
; SEQ ID NO 49  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-293-783-49

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 729 AGTACTGGAGTACAGGC 747  
|||  
DB 2 AGTACTGGAGTACAGGC 20

RESULT 466

US-10-313-739-13/C  
; Sequence 13, Application US/10313739  
; Publication No. US20030138948A1  
; GENERAL INFORMATION:  
; APPLICANT: Genon Corporation  
; APPLICANT: Fiek, Gregory  
; APPLICANT: Inokuma, Margaret  
; TITLE OF INVENTION: Islet Cells from Human Embryonic Stem Cells  
; FILE REFERENCE: 132/002  
; CURRENT APPLICATION NUMBER: US/10/313,739

CURRENT FILING DATE: 2003-04-07  
PRIOR APPLICATION NUMBER: 60/338,885  
PRIOR FILING DATE: 2001-12-07  
NUMBER OF SEQ ID NOS: 45  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO: 13  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-313-739-13

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATTCCTGCTCT 1018  
DB 20 TCAAGCATTCCTGCTCT 2

RESULT 467  
US-10-098-871-39/C  
Sequence 39, Application US/10098871  
Publication No. US20030198958A1  
GENERAL INFORMATION:  
APPLICANT: Shimkets, Richard A.  
APPLICANT: Fernandes, Elma  
APPLICANT: Hermann, John  
APPLICANT: Liu, Xiaohong  
APPLICANT: Yang, Weijia  
APPLICANT: Boldog, Ferenc  
APPLICANT: Smithson, Glenda  
APPLICANT: Rastelli, Luca  
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND  
TITLE OF INVENTION: METHODS OF USING THE SAME  
FILE REFERENCE: CURA-65 CIP  
CURRENT FILING DATE: 2002-11-26  
PRIOR APPLICATION NUMBER: 09/659,634  
PRIOR FILING DATE: 2000-09-12  
PRIOR APPLICATION NUMBER: 60/153,629  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: 60/154,520  
PRIOR FILING DATE: 1999-09-16  
PRIOR APPLICATION NUMBER: 60/154,762  
PRIOR FILING DATE: 1999-09-20  
PRIOR APPLICATION NUMBER: 60/159,231  
PRIOR FILING DATE: 2000-10-31  
PRIOR APPLICATION NUMBER: 60/276,960  
PRIOR FILING DATE: 2001-03-19  
NUMBER OF SEQ ID NOS: 80  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO: 39  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Ag121 reverse primer  
US-10-098-871-39

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATTCCTGCTCT 1018  
DB 19 TCAAGCATTCCTGCTCT 1

RESULT 468  
US-10-005-344-249/C  
Sequence 249, Application US/10005344  
Publication No. US20030203862A1

GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia  
APPLICANT: Pamela Nero  
APPLICANT: Mark J. Graham  
APPLICANT: Brett P. Monia  
APPLICANT: Erich Koller  
APPLICANT: Mingyi Chiang  
APPLICANT: Mano Manoharan  
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.  
FILE REFERENCE: ISFH-0622  
CURRENT APPLICATION NUMBER: US/10/005,344  
CURRENT FILING DATE: 2001-12-04  
PRIOR APPLICATION NUMBER: US 09/048,810  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: US 09/280,805  
PRIOR FILING DATE: 1999-03-26  
NUMBER OF SEQ ID NOS: 379  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO: 249  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-005-344-249

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 531 CATCTCTGCTGCTGCTGCT 549  
DB 19 CATCTCTGCTGCTGCTGCT 1

RESULT 469  
US-10-005-344-256/C  
Sequence 256, Application US/10005344  
Publication No. US20030203862A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia  
APPLICANT: Pamela Nero  
APPLICANT: Mark J. Graham  
APPLICANT: Brett P. Monia  
APPLICANT: Erich Koller  
APPLICANT: Mingyi Chiang  
APPLICANT: Mano Manoharan  
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.  
FILE REFERENCE: ISFH-0622  
CURRENT APPLICATION NUMBER: US/10/005,344  
CURRENT FILING DATE: 2001-12-04  
PRIOR APPLICATION NUMBER: US 09/048,810  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: US 09/280,805  
PRIOR FILING DATE: 1999-03-26  
NUMBER OF SEQ ID NOS: 379  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO: 256  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-005-344-256

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 578 CCACTACCTGCTGCTAATT 596  
DB 19 CCACTACCTGCTGCTAATT 1

RESULT 470  
US-10-005-344-257/c  
; Sequence 257, Application US/10005344  
; Publication No. US20030203862A1  
; GENERAL INFORMATION:  
; APPLICANT: Pamela Nero  
; APPLICANT: Loren J. Mitrageia  
; APPLICANT: Mark J. Graham  
; APPLICANT: Brett P. Monia  
; APPLICANT: Erich Koller  
; APPLICANT: Mingyi Chiang  
; APPLICANT: Mano Manoharan  
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.  
; FILE REFERENCE: ISPH-0622  
; CURRENT APPLICATION NUMBER: US/10/005,344  
; CURRENT FILING DATE: 2001-12-04  
; PRIOR APPLICATION NUMBER: US 09/048,810  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: US 09/280,805  
; PRIOR FILING DATE: 1999-03-26  
; NUMBER OF SEQ ID NOS: 379  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 257  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-005-344-257

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 TTTGTATTTTGTAGTAGA 789  
DB 20 TTTGTACTTTTGTAGTAGA 2

RESULT 471  
US-10-148-355A-65/c  
; Sequence 65, Application US/10148355A  
; Publication No. US20030207631A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowbert  
; APPLICANT: Isis Pharmaceuticals, Inc.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: RTSP-0082  
; CURRENT APPLICATION NUMBER: US/10/148,355A  
; CURRENT FILING DATE: 2002-09-30  
; PRIOR APPLICATION NUMBER: 09/467,642  
; PRIOR FILING DATE: 1999-12-17  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 65  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-148-355A-65

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 969 CTCGGCTACTGCACCTC 987  
DB 20 CTCGGCTACTGCACCTC 2

RESULT 472  
US-10-388-263-680  
; Sequence 680, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowbert, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John  
; APPLICANT: Freier, Susan M.  
; APPLICANT: Sasnor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohashi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND  
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
; FILE REFERENCE: ISIS-4503  
; CURRENT APPLICATION NUMBER: US/10/388,263  
; CURRENT FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 947  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 680  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-388-263-680

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 191 GTTCTCCAGTGTGTCAG 209  
DB 2 GTTCCACCATGTGTGTCAG 20

RESULT 473  
US-10-388-263-697  
; Sequence 697, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowbert, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John  
; APPLICANT: Freier, Susan M.  
; APPLICANT: Sasnor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohashi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND  
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
; FILE REFERENCE: ISIS-4503  
; CURRENT APPLICATION NUMBER: US/10/388,263  
; CURRENT FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 947  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 697  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-388-263-697

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;



Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 729 AGTACTGGAGCTACAGGC 747  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 AGTACTGGAGCTACAGGC 20

RESULT 474  
US-10-159-834-16  
; Sequence 16, Application US/10159834  
; Publication No. US20030228688A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFER  
; FILE REFERENCE: RTS-0239  
; CURRENT APPLICATION NUMBER: US/10/159,834  
; PENDING FILING DATE: 2002-05-31  
; NUMBER OF SEQ ID NOS: 130  
; SEQ ID NO 16  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-159-834-16

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCGATTCTCTCTCT 1018  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 TCAAGCGATTCTCTCTCT 20

RESULT 475  
US-10-159-834-92/c  
; Sequence 92, Application US/10159834  
; Publication No. US20030228688A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFER  
; FILE REFERENCE: RTS-0299  
; CURRENT APPLICATION NUMBER: US/10/159,834  
; PENDING FILING DATE: 2002-05-31  
; NUMBER OF SEQ ID NOS: 130  
; SEQ ID NO 92  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-159-834-92

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCGATTCTCTCTCT 1018  
| | | | | | | | | | | | | | | | | | | | | |  
Db 19 TCAAGCGATTCTCTCTCT 1

RESULT 476  
US-10-210-556-77  
; Sequence 77, Application US/10210556  
; Publication No. US20040023904A1  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsest  
; APPLICANT: Susan M. Freier  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION

FILE REFERENCE: PTS-0015  
CURRENT APPLICATION NUMBER: US/10/210,556  
CURRENT FILING DATE: 2002-07-31  
NUMBER OF SEQ ID NOS: 227  
SEQ ID NO 77  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-210-556-77

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 207 CAGGCTGCTCGAAGCTCC 225  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 CAGGCTGCTCGAAGCTCC 19

RESULT 477  
US-10-210-556-195/c  
; Sequence 195, Application US/10210556  
; Publication No. US20040023904A1  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsest  
; APPLICANT: Susan M. Freier  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION  
; FILE REFERENCE: PTS-0015  
; CURRENT APPLICATION NUMBER: US/10/210,556  
; PENDING FILING DATE: 2002-07-31  
; NUMBER OF SEQ ID NOS: 227  
; SEQ ID NO 195  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-210-556-195

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 207 CAGGCTGCTCGAAGCTCC 225  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 CAGGCTGCTCGAAGCTCC 2

RESULT 478  
US-10-728-509-150  
; Sequence 150, Application US/10728509  
; Publication No. US20040077583A1  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION  
; FILE REFERENCE: RTS-0185  
; CURRENT APPLICATION NUMBER: US/10/728,509  
; PENDING FILING DATE: 2003-12-05  
; PRIOR APPLICATION NUMBER: US/09/908,147  
; PENDING FILING DATE: 2001-07-17  
; NUMBER OF SEQ ID NOS: 168  
; SEQ ID NO 150  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-728-509-150

Query Match 1.8%; Score 17.4; DB 1; Length 20;

Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 394 GCTGGATTACAGGCTGC 412  
DB 1 GCTGGATTAAAGGCTGC 19

RESULT 479  
US-10-633-843-82/c  
; Sequence 82, Application US/10633843  
; Publication No. US20040091919A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SUPEROXIDE DISMUTASE 1, SOLUBLE EXPRESSION  
; FILE REFERENCE: ISH-0756  
; CURRENT APPLICATION NUMBER: US/10/633,843  
; CURRENT FILING DATE: 2003-08-04  
; PRIOR APPLICATION NUMBER: US 09/888,360  
; PRIOR FILING DATE: 2001-06-21  
; NUMBER OF SEQ ID NOS: 90  
; SEQ ID NO 82  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-633-843-82

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 997 GGCTCAGCGATTCTCTG 1015  
DB 19 GGTTCAAGCGATTCTCTG 1

RESULT 480  
US-10-303-325-77  
; Sequence 77, Application US/10303325  
; Publication No. US20040102395A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION  
; FILE REFERENCE: RTS-0434  
; CURRENT APPLICATION NUMBER: US/10/303,325  
; CURRENT FILING DATE: 2002-11-22  
; NUMBER OF SEQ ID NOS: 156  
; SEQ ID NO 77  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-303-325-77

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 390 AAGTCTGGGATTACAGGC 408  
DB 1 AAGTCTGGGATTACAGGC 19

RESULT 481  
US-10-303-325-81  
; Sequence 81, Application US/10303325  
; Publication No. US20040102395A1  
; GENERAL INFORMATION:

APPLICANT: C. Frank Bennett  
APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION  
FILE REFERENCE: RTS-0434  
CURRENT APPLICATION NUMBER: US/10/303,325  
CURRENT FILING DATE: 2002-11-22  
NUMBER OF SEQ ID NOS: 156  
SEQ ID NO 81  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-303-325-81

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 997 GGCTCAGCGATTCTCTG 1015  
DB 1 GGTTCAAGCGATTCTCTG 19

RESULT 482  
US-10-303-325-145/c  
; Sequence 145, Application US/10303325  
; Publication No. US20040102395A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION  
; FILE REFERENCE: RTS-0434  
; CURRENT APPLICATION NUMBER: US/10/303,325  
; CURRENT FILING DATE: 2002-11-22  
; NUMBER OF SEQ ID NOS: 156  
; SEQ ID NO 145  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-303-325-145

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 390 AAGTCTGGGATTACAGGC 408  
DB 20 AAGTCTGGGATTACAGGC 2

RESULT 483  
US-10-303-325-147/c  
; Sequence 147, Application US/10303325  
; Publication No. US20040102395A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION  
; FILE REFERENCE: RTS-0434  
; CURRENT APPLICATION NUMBER: US/10/303,325  
; CURRENT FILING DATE: 2002-11-22  
; NUMBER OF SEQ ID NOS: 156  
; SEQ ID NO 147  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-303-325-147

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 997 GGCTCAAGGATTCCTG 1015

DB 20 GGTTCAAGCATTCCTG 2

RESULT 484

US-10-744-831-86

; Sequence 86, Application US/10744831

; Publication No. US2004012197A1

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker

; APPLICANT: Kenneth Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRES

; FILE REFERENCE: RTS-0331

; CURRENT APPLICATION NUMBER: US/10/744,831

; PRIOR FILING DATE: 2003-12-23

; PRIOR FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 86

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-744-831-86

Query Match 1.8%; Score 17.4; DB 1; Length 20;

Best Local Similarity 94.7%; Pred. No. 5.5e+02;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGGATTA 403

DB 1 TCTCAAGTCTGGGATTA 19

RESULT 485

US-10-671-395-118/c

; Sequence 118, Application US/10671395

; Publication No. US20040132063A1

; GENERAL INFORMATION:

; APPLICANT: Glaxo, James K.

; APPLICANT: Pharmacia Corp.

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

; FILE REFERENCE: 1179/1/US

; CURRENT APPLICATION NUMBER: US/10/671,395

; CURRENT FILING DATE: 2003-09-25

; PRIOR APPLICATION NUMBER: 60/413,549

; PRIOR FILING DATE: 2002-09-25

; NUMBER OF SEQ ID NOS: 1809

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 118

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-118

Query Match 1.8%; Score 17.4; DB 1; Length 20;

Best Local Similarity 94.7%; Pred. No. 5.5e+02;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 989 GCCTCCCGGCTCAAGCGA 1007

DB 19 GCCTCCCGGCTCAAGCGA 1

RESULT 486

US-10-671-395-157/c

; Sequence 157, Application US/10671395

; Publication No. US20040132063A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; APPLICANT: Glaxo, James K.

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

; FILE REFERENCE: 1179/1/US

; CURRENT APPLICATION NUMBER: US/10/671,395

; CURRENT FILING DATE: 2003-09-25

; PRIOR APPLICATION NUMBER: 60/413,549

; PRIOR FILING DATE: 2002-09-25

; NUMBER OF SEQ ID NOS: 1809

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 157

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-157

Query Match 1.8%; Score 17.4; DB 1; Length 20;

Best Local Similarity 94.7%; Pred. No. 5.5e+02;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 390 AAGTCTGGGATTCAGGC 408

DB 20 AAGTCTGGGATTCAGGC 2

RESULT 487

US-10-671-395-224/c

; Sequence 224, Application US/10671395

; Publication No. US20040132063A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; APPLICANT: Glaxo, James K.

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

; FILE REFERENCE: 1179/1/US

; CURRENT APPLICATION NUMBER: US/10/671,395

; CURRENT FILING DATE: 2003-09-25

; PRIOR APPLICATION NUMBER: 60/413,549

; PRIOR FILING DATE: 2002-09-25

; NUMBER OF SEQ ID NOS: 1809

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 224

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-224

Query Match 1.8%; Score 17.4; DB 1; Length 20;

Best Local Similarity 94.7%; Pred. No. 5.5e+02;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 684 CCTGCTCCCGGGGTTC 702

DB 19 CCTGCTCCCGGGGTTC 1

RESULT 488

US-10-671-395-225/c

; Sequence 225, Application US/10671395

; Publication No. US20040132063A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; APPLICANT: Glaxo, James K.

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

; FILE REFERENCE: 1179/1/US

; CURRENT APPLICATION NUMBER: US/10/671,395

; CURRENT FILING DATE: 2003-09-25

; PRIOR APPLICATION NUMBER: 60/413,549

; PRIOR FILING DATE: 2002-09-25

; NUMBER OF SEQ ID NOS: 1809

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 224

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-224

```
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 225
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-225

Query Match          1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      686 TCTGCTCCCGGTTCAAG 704
Db      20 TCCGCTCCCGGTTCAAG 2

RESULT 489
US-10-671-395-679/c
; Sequence 679, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 679
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-679

Query Match          1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1060 ACCCGCTAATTTTGAT 1078
Db      19 ACCGAGTAATTTTGAT 1

RESULT 490
US-10-671-395-874/c
; Sequence 874, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 874
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-874

Query Match          1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1063 CCGCTAATTTTGATTTT 1081
Db      20 CAGCTAATTTTGATTTT 2

RESULT 491
US-10-671-395-889/c
; Sequence 889, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 889
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-889

Query Match          1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1065 GCTAATTTTGATTTCA 1083
Db      19 GCTAATTTTGATTTTA 1

RESULT 492
US-10-671-395-901/c
; Sequence 901, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 901
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-901
```

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 995 CGGGCTCAGCGCATTTCTCC 1013  
DB 20 CGGGTTCAAGCATTTCTCC 2

RESULT 493  
US-10-671-395-1148/c  
; Sequence 1148, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1148  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1148

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1065 GCTAATTTTGTATTTTCA 1083  
DB 20 GCTAATTTTGTATTTTCA 2

RESULT 494  
US-10-671-395-1267/c  
; Sequence 1267, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1267  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1267

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 715 GCGCCAGCTCCGAGTAG 733  
DB 11 GCGCCAGCTCCGAGTAG 11

DB 19 GCCTCAGCTCCTGAGTAG 1

RESULT 495  
US-10-671-395-1511/c  
; Sequence 1511, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1511  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1511

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 TAGCTGGAGCTACAGCGC 749  
DB 20 TAGCTGGAGCTACAGCGC 2

RESULT 496  
US-10-671-395-1526/c  
; Sequence 1526, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1526  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1526

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 843 CCGCTCGGCTCCCAA 861  
DB 19 CCGCTCGGCTCCCAA 1

RESULT 497  
US-10-671-395-1614/c  
; Sequence 1614, Application US/10671395  
; Publication No. US20040132063A1

```

; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1614
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1614

Query Match          1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 775 TATTTTAGTAGAGATGCG 793
Db 20 TATTTTAGTAGAGACGG 2

RESULT 498
US-10-013-329-5/c
; Sequence 5, Application US/10013329
; Publication No. US20020160390A1
; GENERAL INFORMATION:
; APPLICANT: RIKEN
; APPLICANT: Yoshikawa, Takeo
; APPLICANT: Hattori, Ei-ji
; TITLE OF INVENTION: POLYMORPHIC DNAs AND THEIR USE FOR
; TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO PANIC DISORDER
; FILE REFERENCE: 25100-20092.00
; CURRENT APPLICATION NUMBER: US/10/013,329
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: JP 2000-375090
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Upstream primer p5
US-10-013-329-5

Query Match          1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 645 CAGGCTGAGTGCAGTGGC 663
Db 21 CAGGCTGAGTACAGTGGC 3

RESULT 499
US-10-005-956-801/c
; Sequence 801, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
```

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; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 801
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-801

Query Match          1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1056 CCACACCCCGCTAATTTT 1074
Db 19 CCACACCCAGCTAATTTT 1

RESULT 500
US-10-005-956-802/c
; Sequence 802, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 802
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-802

Query Match          1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1056 CCACACCCCGCTAATTTT 1074
Db 19 CCACACCCAGCTAATTTT 1

RESULT 501
US-10-005-956-1034/c
; Sequence 1034, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
```

SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1034  
LENGTH: 21  
TYPE: DNA  
ORGANISM: homo sapiens  
US-10-005-956-1034

Query Match 1.8%; Score 17.4; DB 1; Length 21;  
Best Local Similarity 94.7%; Pred. No. 5.7e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1056 CCACACCCCGCTAATTTT 1074  
DB 19 CCACACCCCGCTAATTTT 1

RESULT 502  
US-10-005-956-1035/c  
Sequence 1035, Application US/10005956  
Publication No. US20030113726A1  
GENERAL INFORMATION:  
APPLICANT: Bristol-Myers Squibb Company  
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS  
FILE REFERENCE: D0053NP  
CURRENT FILING DATE: 2001-12-03  
PRIOR APPLICATION NUMBER: 60/251,015  
PRIOR FILING DATE: 2000-12-04  
PRIOR APPLICATION NUMBER: 60/263,678  
PRIOR FILING DATE: 2001-01-23  
PRIOR APPLICATION NUMBER: 60/273,037  
NUMBER OF SEQ ID NOS: 1579  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1035  
LENGTH: 21  
TYPE: DNA  
ORGANISM: homo sapiens  
US-10-005-956-1035

Query Match 1.8%; Score 17.4; DB 1; Length 21;  
Best Local Similarity 94.7%; Pred. No. 5.7e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1056 CCACACCCCGCTAATTTT 1074  
DB 19 CCACACCCCGCTAATTTT 1

RESULT 503  
US-10-786-720-13245  
Sequence 13245, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: Liu, Wei  
APPLICANT: O'Toole, Margot  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 13245  
LENGTH: 21  
TYPE: RNA  
ORGANISM: RNAi-antisense strand  
US-10-786-720-13245

Query Match 1.8%; Score 17.4; DB 1; Length 21;  
Best Local Similarity 68.4%; Pred. No. 5.7e+02;  
Matches 13; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 531 CATCTCTGCTGCTGACCT 549  
DB 2 CAUUCUCUCGCGCUCAGCCU 20

RESULT 504  
US-10-786-720-20173/c  
Sequence 20173, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
APPLICANT: Liu, Wei  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 20173  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-786-720-20173

Query Match 1.8%; Score 17.4; DB 1; Length 21;  
Best Local Similarity 94.7%; Pred. No. 5.7e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 869 GATTACAGCGGTGAGCCAC 887  
DB 21 GATTACAGCGGTGAGCCAC 3

RESULT 505  
US-10-786-720-20174/c  
Sequence 20174, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
APPLICANT: Liu, Wei  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 20174  
LENGTH: 21  
TYPE: RNA  
ORGANISM: RNAi-sense strand  
US-10-786-720-20174

Query Match 1.8%; Score 17.4; DB 1; Length 21;  
Best Local Similarity 94.7%; Pred. No. 5.7e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 869 GATTACAGCGGTGAGCCAC 887  
DB 19 GATTACAGCGGTGAGCCAC 1

RESULT 506  
US-10-786-720-20175  
Sequence 20175, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot

```

; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20175
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20175

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 5.7e+02;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy      869 GATTACAGCGTGAGCCAC 887
Db      1 GAUUDACAGCAUGAGCCAC 19

RESULT 507
US-10-786-720-20176/c
; Sequence 20176, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20176
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20176

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1121 TCAACTCCTGACCTCAGG 1139
Db      21 TCNAACTCCAGACTCAGG 3

RESULT 508
US-10-786-720-20177/c
; Sequence 20177, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20177
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20177

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1121 TCAACTCCTGACCTCAGG 1139
Db      21 TCNAACTCCAGACTCAGG 3

RESULT 509
US-10-786-720-20178
; Sequence 20178, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20178
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20178

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 5.7e+02;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy      1121 TCAACTCCTGACCTCAGG 1139
Db      1 UCAAAUCCAGACCCUACAG 19

RESULT 510
US-10-786-720-20220/c
; Sequence 20220, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20220
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20220

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      197 CCATGTTGTCAGGCTGCT 215
Db      19 CCATGTTGACAGGCTGCT 1

RESULT 511
US-10-786-720-20223/c
; Sequence 20223, Application US/10786720
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Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20223
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-20223

Query Match
Best Local Similarity 1.8%; Score 17.4; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 199 ATGTGTGACGCTGCT 217
DB 20 ATGTGTGACGCTGCT 2

RESULT 512
US-10-786-720-20231
Sequence 20231, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20231
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-20231

Query Match
Best Local Similarity 1.8%; Score 17.4; DB 1; Length 21;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 643 CCCAGCTGAGGCGCTG 661
DB 1 CCUAGGCTUGAGUGCAGUG 19

RESULT 513
US-10-786-720-20363/c
Sequence 20363, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20363
```

```
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-20363

Query Match
Best Local Similarity 1.8%; Score 17.4; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1116 TGGTCTCAAACTCTGACC 1134
DB 19 TGGTCTCAAACTCTGACC 1

RESULT 514
US-10-786-720-20367
Sequence 20367, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20367
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-20367

Query Match
Best Local Similarity 1.8%; Score 17.4; DB 1; Length 21;
Matches 14; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1109 GTCAGGCTGCTCAACT 1127
DB 2 GCCAGGCTUGGUCUCAAACU 20

RESULT 515
US-10-786-720-20369/c
Sequence 20369, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20369
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-20369

Query Match
Best Local Similarity 1.8%; Score 17.4; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 198 CATGTTGTCAGGCTGCTC 216
DB 19 CATGTTGTCAGGCTGCTC 1
```

```
RESULT 516
US-10-786-720-20373
; Sequence 20373, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20373
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20373

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 5.7e+02;
Matches 13; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      197 CCATCTGTGCTACGCTGCT 215
DB      2 CCAUGUGGCCAGCGCUGCU 20

RESULT 517
US-10-786-720-20379
; Sequence 20379, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20379
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20379

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 5.7e+02;
Matches 12; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY      1000 TCAAGCGATTCTCTCTCT 1018
DB      2 DCAAGCGAUTCUCGCGCCU 20

RESULT 518
US-10-786-720-20442/c
; Sequence 20442, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
```

```
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20442
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20442

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      870 ATTACAGCGGTAGCCACC 888
DB      20 ATTACAGCGGTAGCCACC 2

RESULT 519
US-10-786-720-20591/c
; Sequence 20591, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20591
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20591

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1038 GATTACGGGACCTGCCAC 1056
DB      19 GATTACGGGACCTGCCAC 1

RESULT 520
US-10-786-720-20592
; Sequence 20592, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20592
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20592

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 5.7e+02;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      1038 GATTACGGGCACCTGCCAC 1056
          ||::||| |||||:|||||
Db      1 GAUTACAGGCACCTGCCAC 19

```

```

RESULT 521
US-10-786-720-20627
; Sequence 20627, Application US/10786720
; Publication No. US200401918A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20627
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20627

```

Query Match	1.8%;	Score 17.4;	DB 1;	Length 21;
Best Local Similarity	78.9%;	Pred. No. 5.7e+02;		
Matches 15;	Conservative 3;	Mismatches 1;	Indels 0;	Gaps 0;

Qy 647 GGCTGAGTGCAGTGCGC 665  
|||:||||:|||||  
Db 1 GGCUGGAGUGCAUGGCGAC 19

```

RESULT 522
US-10-463-981B-2/c
; Sequence 2, Application US/10463981B
; Publication No. US20040081982A1
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Wong, Lee Hwa
; APPLICANT: Saffery, Richard Eric
; TITLE OF INVENTION: Neocentromere-based mini-chromosomes or artificial chromosomes
; FILE REFERENCE: A35869-PCT-USA-A (071838.0140)
; CURRENT APPLICATION NUMBER: US/10/463,981B
; CURRENT FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: PCT/AU01/01644
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: AU PR2247
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: AU PR8909
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-463-981B-2

```

Query Match	1.7%	Score 17.2;	DB 1;	Length 18;
Best Local Similarity	88.9%;	Pred. No. 5.1e+02;		
Matches 16;	Conservative	2;	Mismatches 0;	Indels 0;
			Gaps	0;

```

QY      646 AGGCTGAGTGCAGTGGC 663
          |||||:||||:
Db      18 AGGCTGAGTGCARTGGY 1

```

## RESULT 523

```

US-09-242-772-1/c
? Sequence 1, Application US/09242772
? Publication No. US2002009720A1
? GENERAL INFORMATION:
? APPLICANT: Vlaams Internationaal Instituut voor Biotechnologie
? TITLE OF INVENTION: PLAG gene family and tumorigenesis
? FILE REFERENCE: VIB-011-US
? CURRENT APPLICATION NUMBER: US/09/242,772
? CURRENT FILING DATE: 1999-06-25
? PRIOR APPLICATION NUMBER: EP 96202229.6
? PRIOR FILING DATE: 1996-08-22
? PRIOR APPLICATION NUMBER: EP 97200130.9
? PRIOR FILING DATE: 1997-01-17
? PRIOR APPLICATION NUMBER: PCT/EP97/04759
? PRIOR FILING DATE: 1997-08-22
? NUMBER OF SEQ ID NOS: 139
? SOFTWARE: PatentIn version 3.1
? SEQ ID NO 1
? LENGTH: 17
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: primer
? FEATURE:
? NAME/KEY: misc feature
? OTHER INFORMATION: sense primer alu PCR
US-09-242-772-1

```

Query Match	1.7%;	Score 17;	DB 1;	Length 17;
Best Local Similarity	100.0%;	Pred. No. 5e+02;		
Matches 17;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	643	CCCAGGCTGGAGTGCAG	659
Db	17	CCCAGGCTGGAGTGCAG	1

```

RESULT 524
US-10-156-306-537
/ Sequence 537, Application US/10156306
/ Publication No. US20030119017A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
/ TITLE OF INVENTION: Levels of IKK-gamma and PKR
/ FILE REFERENCE: MBH01-664-A (400/050)
/ CURRENT APPLICATION NUMBER: US/10/156,306
/ CURRENT FILING DATE: 2002-05-28
/ NUMBER OF SEQ ID NOS: 8013
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 537
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-156-306-537

```

Query Match	1.7%;	Score 17;	DB 1;	Length 17;
Best Local Similarity	70.6%;	Pred. No. 5e+02;		
Matches 12;	Conservative 5;	Mismatches 0;	Indels 0;	Gaps 0;

QY	668	TC	TT	GG	CT	CA	CT	GC	AA	684
Db	1	U	C	U	G	G	C	U	C	A

```
REGULAT 525
US-10-1566-306-567
; Sequence 567, Applicant US101566306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: MCSwiggan, James
```

```

1 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
2 TO TITLE OF INVENTION: Levels of Ikr-Gamma and PKR
3 FILE REFERENCE: MHHB01-664-A (400/050)
4 CURRENT APPLICATION NUMBER: US/10/156,306
5 CURRENT FILING DATE: 2002-05-28
6 NUMBER OF SEQ ID NOS: 8013
7 SOFTWARE: PatentIn version 3.0
8 SEQ ID NO 567
9 LENGTH: 17
10 TYPE: RNA
11 ORGANISM: Homo sapiens
12 US-10-156-306-567

```

Query Match	1.7%	Score 17;	DB 1;	Length 17;
Best Local Similarity	76.5%;	Pred. No. 5e+02;		
Matches 13;	Conservative 4;	Mismatches 0;	Indels 0;	Gaps 0;

```

QY      1112 AGGCTGCTCAAACTC 1128
          ||||:|:|:|:|:|
Db      1 AGGCTGGUUCAAACUC 17

```

RESULT 526  
US-10-156-306-568  
; Sequence 568, Application US/10156306  
; Publication No. US20030119017A1

1 APPLICANT: Ribozyme Pharmaceuticals, Inc.  
2 APPLICANT: McGswigen, James  
3 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
4 TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
5 FILE REFERENCE: MBRB01-664-A (400/050)  
6 CURRENT APPLICATION NUMBER: US/10/156,306  
7 CURRENT FILING DATE: 2002-05-28

Query Match	1.7%	Score 17;	DB 1;	Length 17;
Best Local Similarity	70.6%	Pred. No. 5e+02;		
Matches 12; Conservative	5;	Mismatches 0;	Indels 0;	Gaps 0

Qy 1114 GCTGCTCAACTCCT 1130  
||:|:|:|:|:|:|:  
Db 1 GCGGUCUCAACUCU 17

RESULT 527  
US-10-156-306-569  
; Sequence 569, Application US/10156306  
; Publication No. US20030119017A1

```

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 569

```

Query Match	1.7%;	Score 17;	DB 1;	Length 17
Best Local Similarity	76.5%;	Pred. No. 5e+02;		

Matches	13	Conservative	4	Mismatches	0	Indels	0	Gaps	0
QY	1120	CTCAACTCCTGACCTC	1136						
		:     : : : :							
Db	1	CTCAACCTCCGACCTC	17						

RESULT 528  
US-10-156-306-574

```

; Sequence 574, Application US/101563306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals,

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```

1  APPLICANT: McSwiggen, James
2  TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
3  TITLE OF INVENTION: Levels of IKK-Gamma and PKR
4  FILE REFERENCE: MBH01-664-A (400/050)
5  CURRENT APPLICATION NUMBER: US/10/156,306
6  CURRENT FILING DATE: 2002-05-28
7  NUMBER OF SEQ ID NOS: 8013
8  SOFTWARE: PatentIn version 3.0

```

Query Match	1.7%;	Score 17;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 5e+02;		
Matches 14;	Conservative 3;	Mismatches 0;	Indels 0;	Gaps 0;

QY 248 CTCGGCCTCCCAAGTG 264  
: : |||||:|||||:|  
Db 1 CTCGGCCTCCCAAGUG 17

RESULT 529  
US-10-156-306-1673  
; Sequence 1673, Application US/10156306  
; Publication No. US20030119017A1

```

1  APPLICANT: KROBAYGEN PHARMACEUTICALS, INC.
2  APPLICANT: MCS4ysgen, James
3  TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
4  TITLE OF INVENTION: Levels of IKK-Gamma and PKR
5  FILE REFERENCE: MBH01-664-UA (400/050)
6  CURRENT APPLICATION NUMBER: US/10/156,306
7  CURRENT FILING DATE: 2002-05-28
8  NUMBER OF SEQ ID NOS: 8013
9  SOFTWARE: Patentin version 3.0
10 SEQ ID NO: 1673

```

Query Match	1.7%	Score 17;	DB 1;	Length 17;
Best Local Similarity	76.5%	Pred. No. 5e+02;		
Matches 13; Conservative	4;	Mismatches	0;	Indels 0; Gaps 0

QY 535 CTCCTGCCTCAGCCTCC 551  
|:|:|:|:|:|:|:|:  
Db 1 CUCCTGCGCTCAGCCTCC 17

RESULT 530  
US-10-156-306-1678  
; Sequence 1678, Application US/10156306  
; Publication No. US20030119017A1

APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 APPLICANT: McSwiggen, James  
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

;; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
;; FILE REFERENCE: MBH01-664-A (400/050)  
;; CURRENT APPLICATION NUMBER: US/10/156,306  
;; CURRENT FILING DATE: 2002-05-28  
;; NUMBER OF SEQ ID NOS: 8013  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 1678  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-10-156-306-1678

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 719 CAGCCTCCGAGAGCT 735  
DB 1 CAGCCTCCGAGAGCT 17

RESULT 531  
US-10-156-306-1698  
; Sequence 1698, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1698  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1698

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1113 GGCTGCTCAACTCC 1129  
DB 1 GGCTGCTCAACTCC 17

RESULT 532  
US-10-156-306-1699  
; Sequence 1699, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1699  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1699

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 5e+02;  
Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1115 CTGCTCAACTCTG 1131  
DB 1 CTGCTCAACTCTG 17

RESULT 533  
US-10-156-306-1700  
; Sequence 1700, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1700  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1700

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 5e+02;  
Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1119 TCTCAACTCCGAGCT 1135  
DB 1 TCTCAACTCCGAGCT 17

RESULT 534  
US-10-156-306-1701  
; Sequence 1701, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1701  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1701

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1121 TCAACTCCGAGCTCA 1137  
DB 1 TCAACTCCGAGCTCA 17

RESULT 535  
US-10-156-306-1712  
; Sequence 1712, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1712  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1712

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 5e+02;  
Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

```
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1712
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1712

Query Match      1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5e+02;
Matches 15; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      846 GCGTCGCGCTCCCAAG 862
DB      1 GCGTCGCGCTCCCAAG 17

RESULT 536
US-10-156-306-1713
Sequence 1713, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1713
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1713

Query Match      1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      847 CCTCGGCTCCCAAGT 863
DB      1 CCTCGGCTCCCAAGU 17

RESULT 537
US-10-156-306-1714
Sequence 1714, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1714
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1714

Query Match      1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
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```
QY      249 TCGGCTCCCAAGTGC 265
DB      1 UCGGCTCCCAAGUGC 17

RESULT 538
US-10-156-306-1715
Sequence 1715, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1715
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1715

Query Match      1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      250 CGGCTCCCAAGTCT 266
DB      1 CGGCTCCCAAGGCU 17

RESULT 539
US-10-156-306-1716
Sequence 1716, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1716
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1716

Query Match      1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      851 GCGCTCCCAAGTCTG 867
DB      1 GCGCTCCCAAGUCUG 17

RESULT 540
US-10-156-306-1717
Sequence 1717, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MBHB01-664-A (400/050)
```

CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1717  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-1717

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 388 CAAAGTCTGGATTAC 404  
DB 1 CAAAGTCTGGATTAC 17

RESULT 541

US-10-156-306-2415  
Sequence 2415, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2415  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-2415

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 5e+02;  
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 844 CTGCTCGGCTCCCAA 860  
DB 1 CTGCTCGGCTCCCAA 17

RESULT 542

US-10-156-306-2416  
Sequence 2416, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2416  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-2416

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 5e+02;  
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 384 CTCCTCAAGTCTGGGA 400

DB 1 CUCCTCAAGTCTGGGA 17

RESULT 543

US-10-156-306-2417  
Sequence 2417, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2417  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-2417

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 386 CCAAGTCTGGATT 402  
DB 1 CCAAGTCTGGATT 17

RESULT 544

US-10-156-306-2887  
Sequence 2887, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2887  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-2887

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1117 GGTCTCAACTCTGAC 1133  
DB 1 GGTCTCAACTCTGAC 17

RESULT 545

US-10-156-306-3777  
Sequence 3777, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 5e+02;  
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 3777  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-3777

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5e+02;  
Matches 15; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 943 CCCAGGCTGAGTGCAG 959  
DB 1 CCCAGGCTGAGTGCAG 17

RESULT 546  
US-10-156-306-3778  
Sequence 3778, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate

FILE REFERENCE: MBHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 3778  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-3778

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 5e+02;  
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 944 CCAGGCTGAGTGCAGT 960  
DB 1 CCAGGCTGAGTGCAGT 17

RESULT 547  
US-10-156-306-3784  
Sequence 3784, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate

FILE REFERENCE: MBHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 3784  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-3784

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 720 AGCCTCTGAGTGCAGT 736  
1 |||:||||:||||:|

DB 1 AGCCUCCUGAGUACUG 17

RESULT 548  
US-10-156-306-3795  
Sequence 3795, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate

FILE REFERENCE: MBHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 3795  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-3795

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 5e+02;  
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 843 CCGCTCCGCGGCTCCCA 859  
DB 1 CCGCTCCGCGGCTCCCA 17

RESULT 549  
US-10-156-306-3796  
Sequence 3796, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate

FILE REFERENCE: MBHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 3796  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-3796

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 389 AAAGCTGAGTATCA 405  
DB 1 AAAGCTGAGTATCA 17

RESULT 550  
US-10-156-306-3797  
Sequence 3797, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate

FILE REFERENCE: MBHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28



NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3797  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-3797

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 390 AAGTCTGGGATTACAG 406  
|||:|||||:  
DB 1 AAGUCGCGGAVUACAG 17

RESULT 551  
US-10-156-306-3798  
Sequence 3798, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: MCGWIGGEN, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3798  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-3798

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 391 AGTCTGGGATTACAG 407  
|||:|||||:  
DB 1 AAGUCGCGGAVUACAG 17

RESULT 552  
US-10-255-434-10/c  
Sequence 10, Application US/10255434  
Publication No. US20030129626A1  
GENERAL INFORMATION:  
APPLICANT: Nielsen, Kirsten V.  
APPLICANT: Hyldig-Nielsen, Jens J.  
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
FILE REFERENCE: BP0101-US  
CURRENT APPLICATION NUMBER: US/10/255,434  
CURRENT FILING DATE: 2002-09-24  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 10  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic  
OTHER INFORMATION: Oligomer Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe  
US-10-255-434-10

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 536 TCCTGCTCAGCCTCC 552  
|||||  
DB 17 TCCTGCTCAGCCTCC 1

RESULT 553  
US-10-255-434-12/c  
Sequence 12, Application US/10255434  
Publication No. US20030129626A1  
GENERAL INFORMATION:  
APPLICANT: Nielsen, Kirsten V.  
APPLICANT: Hyldig-Nielsen, Jens J.  
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
FILE REFERENCE: BP0101-US  
CURRENT APPLICATION NUMBER: US/10/255,434  
CURRENT FILING DATE: 2002-09-24  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 12  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic  
OTHER INFORMATION: Oligomer Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe  
US-10-255-434-12

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGCTCAGTCA 983  
|||||  
DB 17 ATCTGGCTCAGTCA 1

RESULT 554  
US-10-255-434-22  
Sequence 22, Application US/10255434  
Publication No. US20030129626A1  
GENERAL INFORMATION:  
APPLICANT: Nielsen, Kirsten V.  
APPLICANT: Hyldig-Nielsen, Jens J.  
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
FILE REFERENCE: BP0101-US  
CURRENT APPLICATION NUMBER: US/10/255,434  
CURRENT FILING DATE: 2002-09-24  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 22  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic  
OTHER INFORMATION: Oligomer Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe  
US-10-255-434-22

US-10-255-434-22

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 536 TCCTGCTCAGGCTCCC 552  
|||  
DB 1 TCCTGCTCAGGCTCCC 17

RESULT 555  
US-10-255-434-24  
; Sequence 24, Application US/10255434  
; Publication No. US20030129626A1  
; GENERAL INFORMATION:  
; APPLICANT: Nielsen, Kirsten V.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; APPLICANT: Williams, Brett F.  
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
; FILE REFERENCE: BP0101-US  
; CURRENT APPLICATION NUMBER: US/10/255,434  
; CURRENT FILING DATE: 2002-09-24  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 24  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic  
; OTHER INFORMATION: Oligomer Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe  
; OTHER INFORMATION: Sequence  
US-10-255-434-24

US-10-255-434-24

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGCTCAGCTGCA 983  
|||  
DB 1 ATCTGGCTCAGCTGCA 17

RESULT 556  
US-10-238-700-696  
; Sequence 696, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 696  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-696

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5e+02;

Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 722 CCTCTGAGTAGCTGGG 738  
|||  
DB 1 CCUCUAGUAGUCUGG 17

RESULT 557  
US-10-238-700-699  
; Sequence 699, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 699  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-699

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 395 CTGGATTACAGGCGTG 411  
|||  
DB 1 CUGGAGUACAGCGGUG 17

RESULT 558  
US-10-339-782-309/C  
; Sequence 309, Application US/10339782  
; Publication No. US20030166026A1  
; GENERAL INFORMATION:  
; APPLICANT: Lynx Therapeutics, Inc.  
; APPLICANT: Goodman, Laurie J  
; APPLICANT: Bowen, Benjamin A  
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells  
; FILE REFERENCE: 37-000110US  
; CURRENT APPLICATION NUMBER: US/10/339,782  
; CURRENT FILING DATE: 2003-01-08  
; NUMBER OF SEQ ID NOS: 495  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 309  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-339-782-309

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 479 AGTGCAGTGTGTATC 495  
|||  
DB 1 AGTGCAGTGTGTATC 1

RESULT 559  
US-10-091-281-354/C  
; Sequence 354, Application US/10091281  
; Publication No. US20030190617A1  
; GENERAL INFORMATION:

```

; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORSETTE, JEAN
; TITLE OF INVENTION: OPTINEBRIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 354
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative MEF2/RSRRC4.02 motif
US-10-091-281-354

Query Match          1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      770 TTTTGATTTTGTAG 786
DB      17 TTTTGATTTTGTAG 1

RESULT 560
US-10-676-154-3/c
; Sequence 3, Application US/10676154
; Publication No. US20040081996A1
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-676-154-3

Query Match          1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      967 ATCTGGCTCAGCGCAA 983
DB      18 ATCTGGCTCAGCGCAA 2

RESULT 561
US-10-636-065-98/c
; Sequence 98, Application US/10636065
; Publication No. US20040127694A1
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; TITLE OF INVENTION: Thereof
```

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; FILE REFERENCE: 07891/025005
; CURRENT APPLICATION NUMBER: US/10/636,065
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: 09/672,717
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 98
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-10-636-065-98

Query Match          1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      535 CTCCTGCTCAGCTCC 551
DB      18 CTCCTGCTCAGCTCC 2

RESULT 562
US-09-752-983-241/c
; Sequence 241, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 241:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-241

Query Match          1.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 935 CTCTGTACCGAGCTG 951  
|||||  
Db 17 CTCTGTACCGAGCTG 1

RESULT 563  
US-09-949-427-209  
; Sequence 209, Application US/09949427  
; Publication No. US20030054418A1  
; GENERAL INFORMATION:  
; APPLICANT: Bodnar, Jackie S.  
; APPLICANT: Castellani, Lawrence W.  
; APPLICANT: Chatterjee, Anrobindo  
; APPLICANT: de Jong, Pieter  
; APPLICANT: Lueis, Aldons J.  
; APPLICANT: Ohmen, Jeff  
; APPLICANT: Rose, David  
; APPLICANT: Tafuri, Sherrie  
; APPLICANT: Wu, Chenyan  
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer  
; FILE REFERENCE: 02810.0014.NPUS02  
; CURRENT APPLICATION NUMBER: US/09/949,427  
; CURRENT FILING DATE: 2001-09-07  
; PRIOR APPLICATION NUMBER: 60/231,322  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 405  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 209  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-949-427-209

Query Match 1.7%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.8e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 387 CCAAGTGTGGGATTA 403  
|||||  
Db 4 CCAAGTGTGGGATTA 20

RESULT 564  
US-09-949-428-209  
; Sequence 209, Application US/09949428  
; Publication No. US20030064372A1  
; GENERAL INFORMATION:  
; APPLICANT: Bodnar, Jackie S.  
; APPLICANT: Castellani, Lawrence W.  
; APPLICANT: Chatterjee, Anrobindo  
; APPLICANT: de Jong, Pieter  
; APPLICANT: Lueis, Aldons J.  
; APPLICANT: Ohmen, Jeff  
; APPLICANT: Rose, David  
; APPLICANT: Tafuri, Sherrie  
; APPLICANT: Wu, Chenyan  
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder  
; FILE REFERENCE: 02810.0014.NPUS01  
; CURRENT APPLICATION NUMBER: US/09/949,428  
; CURRENT FILING DATE: 2001-09-07  
; PRIOR APPLICATION NUMBER: 60/231,322  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 405  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 209  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-949-428-209

Query Match 1.7%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.8e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 387 CCAAGTGTGGGATTA 403  
|||||  
Db 4 CCAAGTGTGGGATTA 20

RESULT 565  
US-09-843-377-88  
; Sequence 88, Application US/09843377  
; Publication No. US20030176371A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION  
; FILE REFERENCE: RTS-0235  
; CURRENT APPLICATION NUMBER: US/09/843,377  
; CURRENT FILING DATE: 2001-04-26  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 88  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-843-377-88

Query Match 1.7%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.8e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 635 CTCTGTACCGAGCTG 651  
|||||  
Db 2 CTCTGTACCGAGCTG 18

RESULT 566  
US-10-085-906-323/c  
; Sequence 323, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Ying, Vincent  
; APPLICANT: Wu, Paul  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT APPLICATION NUMBER: US/10/085,906  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 09/534,061  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 323  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-323

Query Match 1.7%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.8e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 943 CCCAGCTGAGTGCAA 959  
|||||  
Db 18 CCCAGCTGAGTGCAA 2

```
RESULT 567
US-10-005-344-241/c
; Sequence 241, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 241
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-241

Query Match
Best Local Similarity 1.7%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 CTCTGTACCCAGGCTG 951
DB 17 CTCTGTACCCAGGCTG 1

RESULT 568
US-10-159-834-73/c
; Sequence 73, Application US/10159834
; Publication No. US20030228688A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFER
; FILE REFERENCE: RTS-0299
; CURRENT APPLICATION NUMBER: US/10/159,834
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-834-73

Query Match
Best Local Similarity 1.7%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGGAT 401
DB 17 TCCCAAGTCTGGGAT 1

RESULT 569
US-10-159-834-126
; Sequence 126, Application US/10159834

Publication No. US20030228688A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFER
; FILE REFERENCE: RTS-0299
; CURRENT APPLICATION NUMBER: US/10/159,834
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-159-834-126

Query Match
Best Local Similarity 1.7%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGGAT 401
DB 4 TCCCAAGTCTGGGAT 20

RESULT 570
US-10-671-395-1416/c
; Sequence 1416, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1416
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human FGE2 antisense
US-10-671-395-1416

Query Match
Best Local Similarity 1.7%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 769 TTTTGTATTTTACTA 785
DB 17 TTTTGTATTTTACTA 1

RESULT 571
US-10-819-244-88
; Sequence 88, Application US/10819244
; Publication No. US20040171575A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/10/819,244
; CURRENT FILING DATE: 2004-04-06
; PRIOR APPLICATION NUMBER: US/09/843,377
; PRIOR FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 88
```

LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-819-244-88

Query Match 1.7%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGCTG 651  
DB 2 CTCTGTACCCAGGCTG 18

RESULT 572  
US-09-998-425-61  
Sequence 61, Application US/09998425  
Publication No. US2003008346A1  
GENERAL INFORMATION:  
APPLICANT: Barcel, Paul L.  
APPLICANT: Tavtigian, Sean V.  
TITLE OF INVENTION: MMS1 - An MMAC1 Interacting Protein  
FILE REFERENCE: MMS1 Gene  
CURRENT FILING DATE: 2001-12-03  
CURRENT APPLICATION NUMBER: US/09/998,425  
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 09/233,086  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-01-19  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/071,861  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-01-20  
NUMBER OF SEQ ID NOS: 65  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 61  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:MMS1 Primers  
US-09-998-425-61

Query Match 1.7%; Score 17; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGCTG 651  
DB 5 CTCTGTACCCAGGCTG 21

RESULT 573  
US-09-997-977-61  
Sequence 61, Application US/09997977  
Publication No. US2003002728A1  
GENERAL INFORMATION:  
APPLICANT: Bartel, Paul L.  
APPLICANT: Tavtigian, Sean V.  
APPLICANT: Myriad Genetics, Inc.  
TITLE OF INVENTION: MMS1 - An MMAC1 Interacting Protein  
FILE REFERENCE: MMS1 Gene  
CURRENT APPLICATION NUMBER: US/09/997,977  
CURRENT FILING DATE: 2001-12-03  
PRIOR APPLICATION NUMBER: 09/233,086  
PRIOR FILING DATE: 1999-01-19  
PRIOR APPLICATION NUMBER: US 60/071,861  
PRIOR FILING DATE: 1998-01-20  
NUMBER OF SEQ ID NOS: 65  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 61  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence

FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:MMS1 Primers  
US-09-997-977-61

Query Match 1.7%; Score 17; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGCTG 651  
DB 5 CTCTGTACCCAGGCTG 21

RESULT 574  
US-09-998-966-47/c  
Sequence 47, Application US/09998966  
Publication No. US2003019476A1  
GENERAL INFORMATION:  
APPLICANT: Shinkets, Richard  
APPLICANT: Fernandes, Elma  
APPLICANT: Boldog, Ferenc  
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY  
FILE REFERENCE: 15966-551  
CURRENT APPLICATION NUMBER: US/09/998,966  
CURRENT FILING DATE: 2001-10-31  
PRIOR APPLICATION NUMBER: 09/569,269  
PRIOR FILING DATE: 2000-05-11  
PRIOR APPLICATION NUMBER: 60/134,315  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 60/175,744  
PRIOR FILING DATE: 2000-01-12  
PRIOR APPLICATION NUMBER: 60/188,274  
PRIOR FILING DATE: 2000-03-10  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 47  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:chemically synthesized  
US-09-998-966-47

Query Match 1.7%; Score 17; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 TAGCTGGAGTACAGGC 747  
DB 21 TAGCTGGAGTACAGGC 5

RESULT 575  
US-10-004-415-47/c  
Sequence 47, Application US/10004415  
Publication No. US20030113095A1  
GENERAL INFORMATION:  
APPLICANT: Shinkets, Richard  
APPLICANT: Fernandes, Elma  
APPLICANT: Boldog, Ferenc  
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY  
FILE REFERENCE: 15966-551  
CURRENT APPLICATION NUMBER: US/10/004,415  
CURRENT FILING DATE: 2001-10-31  
PRIOR APPLICATION NUMBER: 09/569,269  
PRIOR FILING DATE: 2000-05-11  
PRIOR APPLICATION NUMBER: 60/134,315  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 60/175,744  
PRIOR FILING DATE: 2000-01-12  
PRIOR APPLICATION NUMBER: 60/188,274

PRIOR FILING DATE: 2000-03-10  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: Patent In Ver. 2.0  
SEQ ID NO 47  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:chemically  
synthesized  
US-10-004-415-47

Query Match 1.7%; Score 17; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 TAGCTGGAGCTACAGGC 747  
DB 21 TAGCTGGAGCTACAGGC 5

RESULT 576  
US-10-384-974-46/C  
Sequence 46, Application US/10384974  
Publication No. US20040014173A1  
GENERAL INFORMATION:  
APPLICANT: Anderson et al.  
TITLE OF INVENTION: No. US0040014173A1el Polynucleotides, Polypeptides Encoded Thereof  
FILE REFERENCE: 15966-51CIPICONT  
CURRENT APPLICATION NUMBER: US/10/384,974  
PRIOR FILING DATE: 2003-03-10  
PRIOR APPLICATION NUMBER: 10/081,407,  
PRIOR FILING DATE: 2000-05-11  
PRIOR APPLICATION NUMBER: 60/134,315  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 60/175,744  
PRIOR FILING DATE: 2000-01-12  
PRIOR APPLICATION NUMBER: 60/188,274  
PRIOR FILING DATE: 2000-03-10  
NUMBER OF SEQ ID NOS: 179  
SOFTWARE: CuraSeqlisc version 0.1  
SEQ ID NO 46  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe  
US-10-384-974-46

Query Match 1.7%; Score 17; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 TAGCTGGAGCTACAGGC 747  
DB 21 TAGCTGGAGCTACAGGC 5

RESULT 577  
US-10-786-720-13910  
Sequence 13910, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
APPLICANT: Liu, Wei  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135

SOFTWARE: Patent In version 3.2  
SEQ ID NO.13910  
LENGTH: 21  
TYPE: RNA  
ORGANISM: RNAi-sense strand  
US-10-786-720-13910

Query Match 1.7%; Score 17; DB 1; Length 21;  
Best Local Similarity 82.4%; Pred. No. 6e+02;  
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 947 GGCTGAGTGCATGCGC 963  
DB 1 GGCTGAGTGCATGCGC 17

RESULT 578  
US-10-786-720-13915  
Sequence 13915, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
APPLICANT: Liu, Wei  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: Patent In version 3.2  
SEQ ID NO 13915  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-786-720-13915

Query Match 1.7%; Score 17; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGCTCAGTCA 983  
DB 5 ATCTGGCTCAGTCA 21

RESULT 579  
US-10-786-720-13916  
Sequence 13916, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
APPLICANT: Liu, Wei  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: Patent In version 3.2  
SEQ ID NO 13916  
LENGTH: 21  
TYPE: RNA  
ORGANISM: RNAi-sense strand  
US-10-786-720-13916

Query Match 1.7%; Score 17; DB 1; Length 21;  
Best Local Similarity 76.5%; Pred. No. 6e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGCTCAGTCA 983  
DB 5 ATCTGGCTCAGTCA 21

```
Db          3  AUCUGGCUACUCGCA 19

RESULT 580
US-10-786-720-13917/c
; Sequence 13917, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13917
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13917

Query Match          1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          967  ATCTGGCTCACTGCAA 983
Db          17  ATCTGGCTCACTGCAA 1

RESULT 581
US-10-786-720-20190
; Sequence 20190, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20190
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20190

Query Match          1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 6e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy          944  CCAGGCTGAGTGCAT 960
Db          4  CCAGGCTGAGTGCAT 20

RESULT 582
US-10-786-720-20236
; Sequence 20236, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20236
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20236

Query Match          1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          967  ATCTGGCTCACTGCAA 983
Db          5  ATCTGGCTCACTGCAA 21

RESULT 583
US-10-786-720-20237
; Sequence 20237, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20237
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20237

Query Match          1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 76.5%; Pred. No. 6e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy          967  ATCTGGCTCACTGCAA 983
Db          3  AUCUGGCUACUCGCA 19

RESULT 584
US-10-786-720-20238/c
; Sequence 20238, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20238
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20238

Query Match          1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+02;
```



Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGCTCACTGCAA 983  
17 ATCTGGCTCACTGCAA 1

RESULT 585  
US-10-786-720-20429

; Sequence 20429, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:

; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; TITLE OF INVENTION: DISEASES  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 20429  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNAI-sense strand  
US-10-786-720-20429

Query Match 1.7%; Score 17; DB 1; Length 21;  
Best Local Similarity 76.5%; Pred. No. 6e+02; Mismatches 0; Indels 0; Gaps 0;

Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 654 GTGCACTGGCGCAATCT 670  
1 GUGCAGUGGCGCAUUCU 17

RESULT 586  
US-10-786-720-20465

; Sequence 20465, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:

; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; TITLE OF INVENTION: DISEASES  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 20465  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNAI-sense strand  
US-10-786-720-20465

Query Match 1.7%; Score 17; DB 1; Length 21;  
Best Local Similarity 82.4%; Pred. No. 6e+02; Mismatches 0; Indels 0; Gaps 0;

QY 871 TTACAGCGCTGACCCAC 887  
1 TUNACAGCGGAGCGCAC 17

RESULT 587  
US-09-752-983-251/c

; Sequence 251, Application US/09752983  
; Patent No. US20010016575A1  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/752,983  
; FILING DATE: 02-Jan-2001

; CLASSIFICATION:  
; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: 09/280,805  
; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1454

; INFORMATION FOR SEQ ID NO: 251:  
; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes

US-09-752-983-251

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 TCAGCTCCCACTACTGG 562  
20 TCAGCTCCCACTACTGG 1

RESULT 588  
US-09-752-983-258/c

; Sequence 258, Application US/09752983  
; Patent No. US20010016575A1  
; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/752,983  
; FILING DATE: 02-Jan-2001

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/280,805  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 258:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-752-983-258

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 316 GTAGAAACAGGTTCTCACTG 335  
Db 20 GTAGAGACAGGTTTCACTG 1

RESULT 589  
US-09-752-983-262/c  
Sequence 262, Application US/09752983  
Patent No. US20010016575A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/752,983  
FILING DATE: 02-Jan-2001  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/280,805  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 262:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-752-983-262

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 213 GGTCTGAACTCCGACCTC 232  
Db 20 GGTCTGATCTCTGACCTC 1

RESULT 590  
US-09-752-983-265/c  
Sequence 265, Application US/09752983  
Patent No. US20010016575A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/752,983  
FILING DATE: 02-Jan-2001  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/280,805  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 265:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-752-983-265

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 842 GCTGCTCGGCGCTCCCAA 861  
Db 20 GCCACCTCGGCGCTCCCAA 1

RESULT 591  
US-09-907-190-5  
GENERAL INFORMATION:  
APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F;  
BLUMENFELD, SUSAN  
BLUMENFELD, YANDRA, O;  
TITLE OF INVENTION: USE OF GENETIC MARKERS TO  
DIAGNOSE FAMILIAL DYSAUTONOMIA  
NUMBER OF SEQUENCES: 34

FEATURE:  
OTHER INFORMATION: synthetic sequence  
US-09-916-369A-3

Query Match  
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTATTTATTTT 446  
DB 20 TTTTATTTTATTTTATTTT 1

RESULT 593  
US-09-911-935A-16/c  
Sequence 16, Application US/09911935A  
Patent No. US20020081611A1  
GENERAL INFORMATION:  
APPLICANT: O'Brien, Thomas  
APPLICANT: Guo, Yong Jun  
TITLE OF INVENTION: ODC Allelic Analysis Method For Assessing Carcinogenic Susceptib  
FILE REFERENCE: 9855-3202  
CURRENT APPLICATION NUMBER: US/09/911,935A  
CURRENT FILING DATE: 2001-07-24  
PRIOR APPLICATION NUMBER: US 60/122,301  
PRIOR FILING DATE: 1999-03-01  
PRIOR APPLICATION NUMBER: US 09/516,357  
PRIOR FILING DATE: 2000-03-01  
NUMBER OF SEQ ID NOS: 32  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 16  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (1)..(20)  
OTHER INFORMATION: Forward primer in Example 3  
US-09-911-935A-16

Query Match  
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 684 CCTCTGCTCCCGGTTCAA 703  
DB 20 CCTCTGCTCCCGGTTCAA 1

RESULT 594  
US-09-800-631-52  
Sequence 52, Application US/09800631  
Patent No. US20020082228A1  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP  
FILE REFERENCE: ISPH-0544  
CURRENT APPLICATION NUMBER: US/09/800,631  
CURRENT FILING DATE: 2001-03-07  
PRIOR APPLICATION NUMBER: US/09/657,346  
PRIOR FILING DATE: 2000-09-07  
NUMBER OF SEQ ID NOS: 175  
SEQ ID NO 52  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-800-631-52

Query Match  
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 725 CCTGAGTACCTGGGACTACA 744  
DB 1 CCTGAGTACCTGGGACTATA 20

RESULT 592  
US-09-916-369A-3/c  
Sequence 3, Application US/09916369A  
Publication No. US20020058802A1  
GENERAL INFORMATION:  
APPLICANT: Dellinger, Douglas J  
APPLICANT: Perboest, Michael GM  
APPLICANT: Caruthers, Marvin H  
APPLICANT: Betley, Jason R  
TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotectio  
FILE REFERENCE: 10003869-1  
CURRENT APPLICATION NUMBER: US/09/916,369A  
CURRENT FILING DATE: 2001-07-21  
PRIOR APPLICATION NUMBER: US 09/627,249  
PRIOR FILING DATE: 2000-07-28  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 3  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial sequence

CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & PINNEGAN, L.L.P.  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154

COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/907,190  
FILING DATE: 17-Jul-2001  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,655  
FILING DATE: 07-JUNE-1995  
APPLICATION NUMBER: 08/049,678  
FILING DATE: 16-APRIL-1993  
APPLICATION NUMBER: US/07/890,719  
FILING DATE: 29-MAY-1992

ATTORNEY/AGENT INFORMATION:  
NAME: KENNETH H. SONNENFELD  
REGISTRATION NUMBER: 33,285  
REFERENCE/DOCKET NUMBER: 1829-4001US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-451-8513  
TELEFAX: 212-751-6849  
JOURNAL: GENOMICS  
VOLUME: 12  
ISSUE:  
PAGES: 229-240  
DATE: 1992  
DOCUMENT NUMBER:  
FILING DATE:  
PUBLICATION DATE:  
RELEVANT RESIDUES IN SEQ ID NO:  
SEQUENCE DESCRIPTION: SEQ ID NO: 5;  
US-09-907-190-5

FEATURE:  
OTHER INFORMATION: synthetic sequence  
US-09-916-369A-3

Query Match  
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTATTTATTTT 446  
DB 20 TTTTATTTTATTTTATTTT 1

RESULT 593  
US-09-911-935A-16/c  
Sequence 16, Application US/09911935A  
Patent No. US20020081611A1  
GENERAL INFORMATION:  
APPLICANT: O'Brien, Thomas  
APPLICANT: Guo, Yong Jun  
TITLE OF INVENTION: ODC Allelic Analysis Method For Assessing Carcinogenic Susceptib  
FILE REFERENCE: 9855-3202  
CURRENT APPLICATION NUMBER: US/09/911,935A  
CURRENT FILING DATE: 2001-07-24  
PRIOR APPLICATION NUMBER: US 60/122,301  
PRIOR FILING DATE: 1999-03-01  
PRIOR APPLICATION NUMBER: US 09/516,357  
PRIOR FILING DATE: 2000-03-01  
NUMBER OF SEQ ID NOS: 32  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 16  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (1)..(20)  
OTHER INFORMATION: Forward primer in Example 3  
US-09-911-935A-16

Query Match  
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 684 CCTCTGCTCCCGGTTCAA 703  
DB 20 CCTCTGCTCCCGGTTCAA 1

RESULT 594  
US-09-800-631-52  
Sequence 52, Application US/09800631  
Patent No. US20020082228A1  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP  
FILE REFERENCE: ISPH-0544  
CURRENT APPLICATION NUMBER: US/09/800,631  
CURRENT FILING DATE: 2001-03-07  
PRIOR APPLICATION NUMBER: US/09/657,346  
PRIOR FILING DATE: 2000-09-07  
NUMBER OF SEQ ID NOS: 175  
SEQ ID NO 52  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-800-631-52

Query Match  
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 725 CCTGAGTACCTGGGACTACA 744  
DB 1 CCTGAGTACCTGGGACTATA 20

RESULT 592  
US-09-916-369A-3/c  
Sequence 3, Application US/09916369A  
Publication No. US20020058802A1  
GENERAL INFORMATION:  
APPLICANT: Dellinger, Douglas J  
APPLICANT: Perboest, Michael GM  
APPLICANT: Caruthers, Marvin H  
APPLICANT: Betley, Jason R  
TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotectio  
FILE REFERENCE: 10003869-1  
CURRENT APPLICATION NUMBER: US/09/916,369A  
CURRENT FILING DATE: 2001-07-21  
PRIOR APPLICATION NUMBER: US 09/627,249  
PRIOR FILING DATE: 2000-07-28  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 3  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial sequence

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 772 TTGTATTTTGTAGAGTG 791  
Db 1 TTGTATTTTGTAGAGAGC 20

RESULT 595  
US-09-918-186A-233/c  
; Sequence 233, Application US/09918186A  
; Patent No. US20020137708A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Eric E. Swartz  
; APPLICANT: Lex M. Cowart  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0585  
; CURRENT APPLICATION NUMBER: US/09/918,186A  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 09/496,694  
; PRIOR FILING DATE: 2000-02-02  
; PRIOR APPLICATION NUMBER: 09/286,407  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 09/163,162  
; PRIOR FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 250  
; SEQ ID NO 233  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-918-186A-233

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 872 TACAGCGGTGAGCCACGACG 891  
Db 20 TAAAGTGTGAGCCACGACG 1

RESULT 596  
US-09-861-925-51  
; Sequence 51, Application US/09861925  
; Publication No. US20030064426A1  
; GENERAL INFORMATION:  
; APPLICANT: Roninson, Igor  
; APPLICANT: Chang, Bey-Dih  
; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF  
; FILE REFERENCE: 99, 216-F  
; CURRENT APPLICATION NUMBER: US/09/861,925  
; PRIOR FILING DATE: 2001-05-21  
; PRIOR APPLICATION NUMBER: US 60/  
; PRIOR FILING DATE: 2001-02-01  
; NUMBER OF SEQ ID NOS: 77  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 51  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Sense primer for cathepsin B promoter  
US-09-861-925-51

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 723 CTCCTGAGTAGCTGGACTA 742  
Db 1 CTCCTGAGTAGCTGGACTA 20

RESULT 597  
US-09-920-671-81  
; Sequence 81, Application US/09920671  
; Publication No. US20030083283A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF COREST EXPRESSION  
; FILE REFERENCE: RTS-0297  
; CURRENT APPLICATION NUMBER: US/09/920,671  
; PRIOR FILING DATE: 2001-08-01  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 81  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-920-671-81

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 383 CCTCCCAAGTGTGGATT 402  
Db 1 CCTCCCAAGTGTGGATT 20

RESULT 598  
US-09-920-671-82/c  
; Sequence 82, Application US/09920671  
; Publication No. US20030083283A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF COREST EXPRESSION  
; FILE REFERENCE: RTS-0297  
; CURRENT APPLICATION NUMBER: US/09/920,671  
; PRIOR FILING DATE: 2001-08-01  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 82  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-920-671-82

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 722 CCTCTGAGTAGCTGGACT 741  
Db 20 CCTCTGAGTAGCTGGACT 1

RESULT 599  
US-09-898-556A-85/c  
; Sequence 85, Application US/09898556A  
; Publication No. US20030087849A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION  
; FILE REFERENCE: RTS-0248  
; CURRENT APPLICATION NUMBER: US/09/898,556A

CURRENT FILING DATE: 2001-07-03  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 85  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-898-556A-85

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 391 AGTGCTGGATTACAGCGT 410  
DB 20 AGTGTGGATTACAGCGCAT 1

## RESULT 600

US-09-898-556A-87/c  
Sequence 87, Application US/09898556A  
Publication No. US20030087849A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Susan M. Freier  
TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION  
FILE REFERENCE: RTS-0248  
CURRENT APPLICATION NUMBER: US/09/898,556A  
CURRENT FILING DATE: 2001-07-03  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 87  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-898-556A-87

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 930 TCTCACTCTGTACCAAGC 949  
DB 20 TCTCACTCTGTCTGCTAAGC 1

## RESULT 601

US-09-953-611-84  
Sequence 84, Application US/09953611  
Publication No. US20030087855A1  
GENERAL INFORMATION:  
APPLICANT: Donna T. Ward  
APPLICANT: Andrew T. Walt  
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN KINASE R EXPRESSION  
FILE REFERENCE: RTS-0208  
CURRENT APPLICATION NUMBER: US/09/953,611  
CURRENT FILING DATE: 2001-09-13  
NUMBER OF SEQ ID NOS: 91  
SEQ ID NO 84  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-611-84

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 220 AACTCCGACCTCAGATGAT 239

DB 1 AACTCTGACCTCAGATGAT 20

## RESULT 602

US-09-953-318-98  
Sequence 98, Application US/09953318  
Publication No. US20030105036A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Andrew T. Walt  
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR  
FILE REFERENCE: RTS-0232  
CURRENT APPLICATION NUMBER: US/09/953,318  
CURRENT FILING DATE: 2001-09-13  
NUMBER OF SEQ ID NOS: 154  
SEQ ID NO 98  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-318-98

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 885 CACCAAGCCCGGCTATT 904  
DB 1 CACCAAGCCCGGCTATT 20

## RESULT 603

US-09-908-147-96/c  
Sequence 96, Application US/09908147  
Publication No. US20030144221A1  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Andrew T. Walt  
TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION  
FILE REFERENCE: RTS-0185  
CURRENT APPLICATION NUMBER: US/09/908,147  
CURRENT FILING DATE: 2001-07-17  
NUMBER OF SEQ ID NOS: 168  
SEQ ID NO 96  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-908-147-96

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 651 GGAGTCAAGTGGCGAATCT 670  
DB 20 GGAGTCAATGGCGCAACT 1

## RESULT 604

US-09-908-147-97/c  
Sequence 97, Application US/09908147  
Publication No. US20030144221A1  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Andrew T. Walt  
TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION  
FILE REFERENCE: RTS-0185  
CURRENT APPLICATION NUMBER: US/09/908,147

```

; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-97

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      867 GGGATTACGCGCTGAGCCA 886
Db      20 GGGATTACGCGCTGCTCA 1

RESULT 605
US-09-964-059B-94
; Sequence 94, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; TITLE OF INVENTION: Sequence Data
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-94

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      930 TCTCACTCTGTATCCAGGC 949
Db      1 TCTCACTATGTGCCAGGC 20

RESULT 606
US-09-964-059B-95/c
; Sequence 95, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; TITLE OF INVENTION: Sequence Data
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-95

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      930 TCTCACTCTGTATCCAGGC 949
Db      1 TCTCACTATGTGCCAGGC 20
```

```

Db      20 TCTCACTATGTGCCAGGC 1

RESULT 607
US-09-964-059B-96/c
; Sequence 96, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; TITLE OF INVENTION: Sequence Data
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-96

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      930 TCTCACTCTGTATCCAGGC 949
Db      20 TCTCACTATGTGCCAGGC 1

RESULT 608
US-09-964-059B-104
; Sequence 104, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; TITLE OF INVENTION: Sequence Data
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-104

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      208 AGGCTGCTGTGAACTCCCG 227
Db      1 AGGCTGCTGTGAACTCCTG 20

RESULT 609
US-09-964-059B-105
; Sequence 105, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; TITLE OF INVENTION: Sequence Data
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
```

```

; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-105

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 932 TCACCTGTGTTACCCAGGCTG 951
DB 1 TCACATATGTTGCCAGGCTG 20

RESULT 610
US-09-964-059B-106
; Sequence 106, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE OF INVENTION: Sequence Data
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-106

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 932 TCACCTGTGTTACCCAGGCTG 951
DB 1 TCACATATGTTGCCAGGCTG 20

RESULT 611
US-10-025-201-13
; Sequence 13, Application US/10025201
; Publication No. US20030003468A1
; GENERAL INFORMATION:
; APPLICANT: Crow, Mary K.
; TITLE OF INVENTION: MARKERS FOR DISEASE SUSCEPTIBILITY AND TARGETS FOR THERAPY
; FILE REFERENCE: 5983/2H567
; CURRENT APPLICATION NUMBER: US/10/025,201
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/256,673
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-025-201-13

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY 199 ATGTTGAGTACGAGCTGATCTC 218
DB 1 ATGTTGAGTACGAGCTGATCTC 20

RESULT 612
US-10-085-906-352/C
; Sequence 352, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Yang, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 352
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-352

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 639 GTACCCAGGCTGAGTGA 658
DB 20 GTGCTCAGGCTGAGTGA 1

RESULT 613
US-10-007-078-81/C
; Sequence 81, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-81

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 640 TCACCAGGCTGAGTGAG 659
DB 20 TCCTCAGGCTGAGTGAG 1

RESULT 614
US-10-007-078-84/C
; Sequence 84, Application US/10007078
```

```
Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 84
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-84

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 661 GCGGCACTTGGCTCCTG 680
DB 20 GCGAGATCTTGGCTCCTG 1

RESULT 615
US-10-314-405-2/c
Sequence 2, Application US/10314405
Publication No. US20030108940A1
GENERAL INFORMATION:
APPLICANT: Hidetoshi, Inoko
APPLICANT: Gen, Tamiya
APPLICANT: Yasumari, Matsuzaka
TITLE OF INVENTION: NOVEL POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MEC CLASS I
FILE REFERENCE: 06501-069001
CURRENT APPLICATION NUMBER: US/10/314,405
CURRENT FILING DATE: 2002-12-06
PRIOR APPLICATION NUMBER: US/09/713,616
PRIOR FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 46
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)-(20)
OTHER INFORMATION: artificially synthesized primer sequence
US-10-314-405-2

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 807 GCCAGTGTATTTGATCTC 826
DB 20 GCCAGATGTCTTATCTC 1

RESULT 616
US-10-293-783-52
Sequence 52, Application US/10293783
Publication No. US20030130222A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wvatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BHS INTERACTING DOMAIN DEATH AGONIST EXPR
FILE REFERENCE: ISPH-0544
CURRENT APPLICATION NUMBER: US/10/293,783
CURRENT FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US/09/800,631
```

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PRIOR FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-52

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 772 TTGATTTTATGATGATG 791
DB 1 TTGATTTTATGATGATG 20

RESULT 617
US-10-002-623-921/c
Sequence 921, Application US/10002623
Publication No. US20030134285A1
GENERAL INFORMATION:
APPLICANT: OEFNER, PETER J.
APPLICANT: UNDERHILL, PETER A.
TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
FILE REFERENCE: STAN-212
CURRENT APPLICATION NUMBER: US/10/002,623
CURRENT FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: US 60/245,355
PRIOR FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 952
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 921
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
US-10-002-623-921

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 TGTGTGTCAGGCTGTCTCG 219
DB 20 TGTGTGTCAGGCTGTCTCG 1

RESULT 618
US-10-313-739-15/c
Sequence 15, Application US/10313739
Publication No. US20030138948A1
GENERAL INFORMATION:
APPLICANT: Geron Corporation
APPLICANT: Fisk, Gregory
APPLICANT: Inokuma, Margaret
TITLE OF INVENTION: Islet Cells from Human Embryonic Stem Cells
FILE REFERENCE: 132/002
CURRENT APPLICATION NUMBER: US/10/313,739
CURRENT FILING DATE: 2003-04-07
PRIOR APPLICATION NUMBER: 60/338,885
PRIOR FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
```



US-10-313-739-15

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 679 TGCACCTCTGCTCCCGG 698  
DB 20 TGCACCTCCGCTCCTCGG 1

RESULT 619

US-10-233-032A-51  
; Sequence 51, Application US/10233032A  
; Publication No. US20030157704A1  
; GENERAL INFORMATION:  
; APPLICANT: Poole, Jason  
; APPLICANT: Koninson, Igor  
; APPLICANT: Chang, Bey-Dih  
; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING  
; TITLE OF INVENTION: EXPRESSION OF GENES REGULATED BY CDK INHIBITORS  
; FILE REFERENCE: 01-1156-A  
; CURRENT APPLICATION NUMBER: US/10/233, 032A  
; CURRENT FILING DATE: 2003-02-12  
; PRIOR APPLICATION NUMBER: US 09/861,925  
; PRIOR FILING DATE: 2002-05-21  
; PRIOR APPLICATION NUMBER: US 60/265,840  
; PRIOR FILING DATE: 2002-02-01  
; NUMBER OF SEQ ID NOS: 84  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 51  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Sense primer for cathepsin B promoter  
US-10-233-032A-51

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 723 CTCCTGAGTAGCTGGGACTA 742  
DB 1 CTCCTGAGTAGCTGGGACTA 20

RESULT 620

US-10-376-566-36/c  
; Sequence 36, Application US/10376566  
; Publication No. US20030158144A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; APPLICANT: Mark P. Roach  
; APPLICANT: Rich Koller  
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR BETA EXPRESSION  
; FILE REFERENCE: PUS-0347  
; CURRENT APPLICATION NUMBER: US/10/376,566  
; CURRENT FILING DATE: 2003-02-27  
; PRIOR APPLICATION NUMBER: US/10/005,058  
; PRIOR FILING DATE: 2001-12-07  
; NUMBER OF SEQ ID NOS: 96  
; SEQ ID NO 36  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-376-566-36

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 730 GTAGCTGGGACTACAGCGC 749  
DB 20 GTAGCTGGGACTACAGCTG 1

RESULT 621

US-10-331-907-302/c  
; Sequence 302, Application US/10331907  
; Publication No. US2003018160A1  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hees, John W  
; APPLICANT: Caakey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshihiko  
; APPLICANT: Metzman, Tony R  
; APPLICANT: Metzker, Michael L  
; TITLE OF INVENTION: No. US2003018160A1e1 LDL-Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. US2003018160A1e1 Glebe Road, Eighth floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; ZIP: VA 22201-4714  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/331,907  
; FILING DATE: 31-Dec-2002  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/402,923A  
; FILING DATE: 14-Feb-2001  
; APPLICATION NUMBER: PCT/GB98/01102  
; FILING DATE: 15-APR-1998  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-APR-1997  
; APPLICATION NUMBER: US 60/048,740  
; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J. Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-81  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 816-4091  
; TELEFAX: (703) 816-4100  
; INFORMATION FOR SEQ ID NO: 302:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 302:  
US-10-331-907-302

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 484 AGTGTGTGATCAAGCTCA 503  
DB 20 AGCGTGTGATCAAGCTCA 1

```
RESULT 622
US-10-005-344-251/c
; Sequence 251, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 251
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-251

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      543 TCAGCCTCCCAAGTAGCTGG 562
Db      20 TCAGCCTCCCAATGACTTG 1

RESULT 623
US-10-005-344-258/c
; Sequence 258, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 258
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-258

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      316 GTAGAAACAGGGTTTCACTG 335
Db      20 GTAGAGACAGGGTTTCACTG 1

RESULT 624
US-10-005-344-262/c
; Sequence 262, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 262
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-262

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      213 GGTCTCGAATCCGACCTC 232
Db      20 GGTCTCGATCTCTGACCTC 1

RESULT 625
US-10-005-344-265/c
; Sequence 265, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 265
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-265
```

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 842 GCCTGCTTGGCTCCCAA 861  
DB 20 GCCCAGCTGGCTCCCAA 1

RESULT 626  
US-10-446-373-98

; Sequence 98, Application US/10446373  
; Publication No. US20030204076A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR  
; FILE REFERENCE: RTS-0232  
; CURRENT APPLICATION NUMBER: US/10/446,373  
; PRIOR FILING DATE: 2003-05-28  
; PRIOR FILING DATE: 2001-09-13  
; NUMBER OF SEQ ID NOS: 154  
; SEQ ID NO 98  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-446-373-98

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 885 CACACAGCCCGGCTATTTT 904  
DB 1 CACCATGCCCGGCTATTTT 20

RESULT 627

US-10-181-316-233/c  
; Sequence 233, Application US/10181316  
; Publication No. US20030211607A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Eric B. Swayze  
; APPLICANT: Lex M. Cowseart  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0650  
; CURRENT APPLICATION NUMBER: US/10/181,316  
; PRIOR FILING DATE: 2002-07-16  
; PRIOR APPLICATION NUMBER: PCT/US01/02939  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: 09/496,694  
; PRIOR FILING DATE: 2000-02-02  
; PRIOR APPLICATION NUMBER: 09/286,407  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 09/163,162  
; PRIOR FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 249  
; SEQ ID NO 233  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-181-316-233

Query Match 1.7%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 872 TACAGCGTGAGCCACACAG 891  
DB 20 TAAAGTGTTGAGCCACACAG 1

RESULT 628

US-10-401-194-5  
; Sequence 5, Application US/10401194  
; Publication No. US20030219810A1  
; GENERAL INFORMATION:  
; APPLICANT: Millennium Pharmaceuticals, Inc.  
; APPLICANT: Barnes, Glenn T.  
; APPLICANT: Berlin, John  
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE  
; FILE REFERENCE: MP102-041P1RM  
; CURRENT APPLICATION NUMBER: US/10/401,194  
; PRIOR FILING DATE: 2003-03-27  
; PRIOR APPLICATION NUMBER: US 60/368,184  
; PRIOR FILING DATE: 2002-03-27  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-401-194-5

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 384 CTCCCAAGTGCTGGATTA 403  
DB 1 CTCCCAAGCACTGGGATTA 20

RESULT 629

US-10-160-807-22  
; Sequence 22, Application US/10160807  
; Publication No. US20030224514A1  
; GENERAL INFORMATION:  
; APPLICANT: William Gaarde  
; APPLICANT: Susan M. Freier  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION  
; FILE REFERENCE: RTS-0189  
; CURRENT APPLICATION NUMBER: US/10/160,807  
; PRIOR FILING DATE: 2002-05-31  
; NUMBER OF SEQ ID NOS: 296  
; SEQ ID NO 22  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-160-807-22

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1027 CAAGCAGCTGGGATTCAGG 1046  
DB 1 CAAGTAGCTGGGATTCAGG 20

RESULT 630

US-10-160-807-175/c  
; Sequence 175, Application US/10160807  
; Publication No. US20030224514A1

```

; GENERAL INFORMATION:
; APPLICANT: William M. Freiler
; APPLICANT: Susan M. Freiler
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/160,807
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 175
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-807-175

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1027 CAAGCAGCTGGGATTACGG 1046
DB      20  CAAGTACCTGGGATTACAGG 1

RESULT 631
US-10-388-263-700
; Sequence 700, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Combert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 700
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-700

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      772 TTGTATTTTAGTAGATG 791
DB      1  TTGTATTTTAGTAGAGACG 20

RESULT 632
US-10-174-460-77
; Sequence 77, Application US/10174460
; Publication No. US20030232441A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
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; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
; FILE REFERENCE: PTS-0014
; CURRENT APPLICATION NUMBER: US/10/174,460
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-460-77

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      836 TGATCTGCTGCTGCTGCT 855
DB      1  TGATCTGCTGCTGCTGCT 20

RESULT 633
US-10-175-492-88
; Sequence 88, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-492-88

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      219 GAATCCCGACCTCAGATGA 238
DB      1  GAATCCTCGACCTCAGGTGA 20

RESULT 634
US-10-175-492-162/c
; Sequence 162, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-492-162

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      219 GAATCCCGACCTCAGATGA 238
```

Db 20 GAACCTCTACCTCAGGTGA 1

RESULT 635  
US-10-187-659A-13/C  
Sequence 13, Application US/10187659A  
Publication No. US20040002152A1  
GENERAL INFORMATION:  
APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: ANTISENSE MODULATION OF P2X4 EXPRESSION  
FILE REFERENCE: PTS-0379  
CURRENT APPLICATION NUMBER: US/10/187,659A  
CURRENT FILING DATE: 2002-07-01  
NUMBER OF SEQ ID NOS: 143  
SEQ ID NO 13  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-187-659A-13

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 CCCAAGTCTGGGATTACA 405  
Db 20 CGCAAGTCTGGGATTACA 1

RESULT 636  
US-10-277-216-208  
Sequence 208, Application US/10277216  
Publication No. US20040002470A1  
GENERAL INFORMATION:  
APPLICANT: KEITH, TIM  
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,  
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE  
FILE REFERENCE: 2976-4051  
CURRENT APPLICATION NUMBER: US/10/277,216  
CURRENT FILING DATE: 2002-10-17  
PRIOR APPLICATION NUMBER: 10/126,022  
PRIOR FILING DATE: 2002-04-19  
PRIOR APPLICATION NUMBER: 09/834,597  
PRIOR FILING DATE: 2001-04-13  
PRIOR APPLICATION NUMBER: 09/548,797  
PRIOR FILING DATE: 2000-04-13  
NUMBER OF SEQ ID NOS: 420  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 208  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-277-216-208

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 686 TCTGCTCCGGGTCAAGT 705  
Db 1 TCTGCTCCGGGTCAAGT 20

RESULT 637  
US-10-199-676-37  
Sequence 37, Application US/10199676  
Publication No. US20040014051A1  
GENERAL INFORMATION:

APPLICANT: Vickie L. Brown-Driver

APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: ANTISENSE MODULATION OF BREAST CANCER-1 EXPRESSION  
FILE REFERENCE: PTS-0017  
CURRENT APPLICATION NUMBER: US/10/199,676  
CURRENT FILING DATE: 2002-07-18  
NUMBER OF SEQ ID NOS: 84  
SEQ ID NO 37  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-199-676-37

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1058 ACACCCCGCTAATTTTGT 1077  
Db 1 ACACCCCGCTAATTTTGT 20

RESULT 638  
US-10-199-676-73/C  
Sequence 73, Application US/10199676  
Publication No. US20040014051A1  
GENERAL INFORMATION:  
APPLICANT: Vickie L. Brown-Driver  
APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: ANTISENSE MODULATION OF BREAST CANCER-1 EXPRESSION  
FILE REFERENCE: PTS-0017  
CURRENT APPLICATION NUMBER: US/10/199,676  
CURRENT FILING DATE: 2002-07-18  
NUMBER OF SEQ ID NOS: 84  
SEQ ID NO 73  
LENGTH: 20  
TYPE: DNA  
ORGANISM: H. sapiens  
FEATURE:  
US-10-199-676-73

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1058 ACACCCCGCTAATTTTGT 1077  
Db 20 ACACCCCGCTAATTTTGT 1

RESULT 639  
US-10-126-022-208  
Sequence 208, Application US/10126022  
Publication No. US20040023215A1  
GENERAL INFORMATION:  
APPLICANT: KEITH, TIM  
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,  
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE  
FILE REFERENCE: 2976-4039US2  
CURRENT APPLICATION NUMBER: US/10/126,022  
CURRENT FILING DATE: 2002-04-19  
PRIOR APPLICATION NUMBER: 09/834,597  
PRIOR FILING DATE: 2001-04-13  
PRIOR APPLICATION NUMBER: 09/548,797  
PRIOR FILING DATE: 2000-04-13  
NUMBER OF SEQ ID NOS: 420  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 208  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence

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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-208

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      686 TCTGCTCCGGGTTCAAGT 705
Db      1 TCTGCTCCGAGATTCAAGT 20

RESULT 640
US-10-655-847-22
; Sequence 22, Application US/10655847
; Publication No. US20040063129A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/655,847
; PRIOR FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: US/10/160,807
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-655-847-22

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      1027 CAAGCAGCTGGGATTACGGG 1046
Db      1 CAAGTACGCTGGGATTACAGG 20

RESULT 641
US-10-655-847-175/c
; Sequence 175, Application US/10655847
; Publication No. US20040063129A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/655,847
; PRIOR FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: US/10/160,807
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 175
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-655-847-175

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      1027 CAAGCAGCTGGGATTACGGG 1046
Db      1 CAAGTACGCTGGGATTACAGG 20

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-208

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      686 TCTGCTCCGGGTTCAAGT 705
Db      1 TCTGCTCCGAGATTCAAGT 20

RESULT 642
US-10-728-509-96/c
; Sequence 96, Application US/10728509
; Publication No. US20040077583A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509
; PRIOR FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: US/09/908,147
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-728-509-96

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      651 GGAAGTCAATGGCGCAATCT 670
Db      20 GGAAGTCAATGGCGCAACT 1

RESULT 643
US-10-728-509-97/c
; Sequence 97, Application US/10728509
; Publication No. US20040077583A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509
; PRIOR FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: US/09/908,147
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-728-509-97

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      867 GGAATTACAGCGCTGAGCCA 886
Db      20 GGAATTACAGCGATGTGCCA 1

RESULT 644
US-10-627-757-19
; Sequence 19, Application US/10627757
; Publication No. US20040091914A1
; GENERAL INFORMATION:
; APPLICANT: KOUCHI YASUHIRO
; APPLICANT: MASASUGO AKINORI
; APPLICANT: TAKAHARI TAKAYUKI
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; TITLE OF INVENTION: GENE ASSAY METHOD FOR PREDICTING GLAUCOMA ONSET RISK
; FILE REFERENCE: Q76319
; CURRENT APPLICATION NUMBER: US/10/627,757
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: JP P2002-226612
; PRIOR FILING DATE: 2002-08-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Designed DNA based on OPTN gene
US-10-627-757-19

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      574 TGCACCACTACACCTGCTA 593
DB      1 TGTGCCACTACACCTGCTA 20

RESULT 645
US-10-303-325-82
; Sequence 82, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-82

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      989 GCCTCCCGGGCTCAAGCGAT 1008
DB      1 GCCTCCCGAGTTCAAGCGAT 20

RESULT 646
US-10-303-325-148/c
; Sequence 148, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 148
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-325-148

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1001 CAAGCGATTCTCTGTCTCA 1020
DB      1001 CAAGCGATTCTCTGTCTCA 1020

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      875 AGCGGTGAGCCACCAAGCCC 894
DB      20 AGCGGTGAGCCACTTGGCCC 1

RESULT 648
US-10-671-395-38/c
; Sequence 38, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-38

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      969 GCCTCCCGGGCTCAAGCGAT 1008
DB      20 GCCTCCCGAGTTCAAGCGAT 1

RESULT 647
US-10-467-126-83/c
; Sequence 83, Application US/10467126
; Publication No. US20040121973A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
; FILE REFERENCE: ISPH-0747
; CURRENT APPLICATION NUMBER: US/10/467,126
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: PCT/US02/03848
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: US 09/780,049
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-467-126-83

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      875 AGCGGTGAGCCACCAAGCCC 894
DB      20 AGCGGTGAGCCACTTGGCCC 1

RESULT 648
US-10-671-395-38/c
; Sequence 38, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-38

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1001 CAAGCGATTCTCTGTCTCA 1020
DB      1001 CAAGCGATTCTCTGTCTCA 1020
```

Db 20 CAAGCATTCCTCCGCGCTCA 1

RESULT 649  
US-10-671-395-41/c  
; Sequence 41, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 41  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-41

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1000 TCAGCGATTCCTCCGCTC 1019  
Db 20 TCAGCGATTCCTCCGCTC 1

RESULT 650  
US-10-671-395-86/c  
; Sequence 86, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 86  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-86

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 987 CTGCTCCGCGGCTCAAGCG 1006  
Db 20 CGGCTCCGCGGCTCAAGCG 1

RESULT 651  
US-10-671-395-109/c  
; Sequence 109, Application US/10671395

; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 109  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-109

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1002 AAGCATTCCTCCGCTCAG 1021  
Db 20 AAGCATTCCTCCGCTCAG 1

RESULT 652  
US-10-671-395-212/c  
; Sequence 212, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 212  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-212

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 391 AGTGCTGGGATTCACAGGCT 410  
Db 20 AGTGCTGGGATTCACAGGCT 1

RESULT 653  
US-10-671-395-239/c  
; Sequence 239, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US



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; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 239
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-239

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 863 TGCTGGATTACAGGCGTGA 862
DB 20 TGCTGGATTACAGGCGATGA 1

RESULT 654
US-10-671-395-298/c
; Sequence 298, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 298
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-298

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1003 AGCGATTCTCCTGCTCAGC 1022
DB 20 AGCGATTCTCCTCGCTCAGC 1

RESULT 655
US-10-671-395-333/c
; Sequence 333, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 333

; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-449/c
; Sequence 449, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 449
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-449

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 392 GTGCTGGATTACAGGCGTG 411
DB 20 GTGCTGGATTACAGGCGATG 1

RESULT 657
US-10-671-395-456/c
; Sequence 456, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 456
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-456
```

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1004 GCGATTCCTCCTGCTCAGCC 1023  
Db 20 GCGATTCCTCCTCCTCAGCC 1

RESULT 658  
US-10-671-395-515/c  
; Sequence 515, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gliese, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 515  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-515

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 708 TTCTCCTGCCCCAGCCTCCT 727  
Db 20 TTCTCCTGCCCCAGCCTCCT 1

RESULT 659  
US-10-671-395-529/c  
; Sequence 529, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gliese, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 529  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-529

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 996 GGGCTCAAGCGATTCCTCG 1015  
Db 20 GGGCTCAAGCGATTCCTCG 1

RESULT 660  
US-10-671-395-568/c  
; Sequence 568, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gliese, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 568  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-568

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 681 CACCTCTGCTCCCGGCTT 700  
Db 20 CAGCTCGGCTCCCGGCTT 1

RESULT 661  
US-10-671-395-597/c  
; Sequence 597, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gliese, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 597  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-597

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 532 ATCTCTGCTCAGCCTCC 551  
Db 20 ATCTCTGCTCAGCCTCC 1

RESULT 662  
US-10-671-395-645/c  
; Sequence 645, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gliese, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 645  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-645

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APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 645
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-645

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1058 ACACCCCGCTAATTTTGT 1077
DB      20 ATACCAGCTAATTTTGT 1

RESULT 663
US-10-671-395-656/c
Sequence 656, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 656
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-656

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      672 GGCTCACTGCACCTCTGCC 691
DB      20 GGCTCACTGCACCTCTGCC 1

RESULT 664
US-10-671-395-657/c
Sequence 657, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 672
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-657
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PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 657
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-657

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1057 CACACCCCGCTAATTTTGT 1076
DB      20 CATACCAGCTAATTTTGT 1

RESULT 665
US-10-671-395-668/c
Sequence 668, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 668
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-668

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      671 TGGCTCACTGCACCTCTGCC 690
DB      20 TGGCTCACTGCACCTCTGCC 1

RESULT 666
US-10-671-395-678/c
Sequence 678, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 678
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-678
```

ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-678

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1006 GATTCCTCTGTCTAGCCTC 1025  
DB 20 GATTCCTCTGTCTAGCCTC 1

RESULT 667  
US-10-671-395-688/c  
Sequence 688, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 688  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-688

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 710 CTCCGCCCCAGCCCTCTGA 729  
DB 20 CTCCGCCCCAGCCCTCTGA 1

RESULT 668  
US-10-671-395-753/c  
Sequence 753, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 753  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-753

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
OY 711 TCCTGCCAGCCCTCTGAG 730  
DB 20 TCCTGCCAGCCCTCTGAG 1

RESULT 669  
US-10-671-395-783/c  
Sequence 783, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 783  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-783

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 675 TCACGCACTCTGCTCC 694  
DB 20 TCACGCACTCTGCTCC 1

RESULT 670  
US-10-671-395-790/c  
Sequence 790, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 790  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-790

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 673 GCTACGCACTCTGCT 692  
DB 20 GCTACGCACTCTGCT 1

```
RESULT 671
US-10-671-395-812/c
; Sequence 812, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 812
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-812

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 679 TGCACCTCTGCTCCCGGG 698
DB 20 TGCAGCCTCGCCTCCCGG 1

RESULT 672
US-10-671-395-828/c
; Sequence 828, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 828
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-828

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 674 CTCACCTGACCTCTGCTCC 693
DB 20 CTCACCTGACCTCTCGCTC 1

RESULT 673
US-10-671-395-829/c
; Sequence 829, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
```

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; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 829
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-829

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1005 CGATTCTCCTGCTCAGCT 1024
DB 20 CGATTCTCCTGCTCAGCT 1

RESULT 674
US-10-671-395-847/c
; Sequence 847, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 847
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-847

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1056 CCACACCCGCTAATTTTG 1075
DB 20 CCATACCCAGCTAATTTTG 1

RESULT 675
US-10-671-395-861/c
; Sequence 861, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
```

NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 861  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-861

Query Match 1.7% Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 678 CTGCACTCTGCCCCGG 697  
DB 20 CTGCGCTCCGCTCCGG 1

RESULT 676  
US-10-671-395-862/c

Sequence 862, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Gierse, James K  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 862  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-862

Query Match 1.7% Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 709 TCTCTGCCCCGCTCTG 728  
DB 20 TCTCCGCTCGCTCTG 1

RESULT 677  
US-10-671-395-863/c

Sequence 863, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Gierse, James K  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 863  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:

OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-863

Query Match 1.7% Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1055 ACCACACCCGCTAATTTT 1074  
DB 20 ACCATACCGCTAATTTT 1

RESULT 678  
US-10-671-395-882/c

Sequence 882, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Gierse, James K  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 882  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-882

Query Match 1.7% Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 712 CCGCCCCGCTCTGAGT 731  
DB 20 CCGCCTCGGCTCTGAGT 1

RESULT 679  
US-10-671-395-950/c

Sequence 950, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Gierse, James K  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 950  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-950

Query Match 1.7% Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 643 CCCAGGCTGGAGTGCAGTGG 662  
||| ||| ||| ||| |||  
Db 20 CCCAAGCTGGAGTGAAGTGG 1

```

RESULT 680
US-10-671-395-956/c
; Sequence 956, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 956
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-956

```

Query Match	1.7%	Score 16.8	DB 1	Length 20
Best Local Similarity	90.0%	Pred. No. 5.9e+02		
Matches 18	Conservative 0	Mismatches 2	Indels 0	Gaps 0

QY 677 ACTGCAACCTCTGCCTCCCG 696  
|||  
Db 20 ACTGCAAGCCTCCGCTCCCG 1

```

RESULT 681
US-10-671-395-963/c
; Sequence 963; Application US/10671395
; Publication No. US20040132063A1
;
GENERAL INFORMATION:
;
APPLICANT: Pharmacia Corp.
APPLICANT: Geiers, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 963
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
;
FEATURE:
;
OTHER INFORMATION: Human PGES2 antisense
US-10-671-395-963

```

Query Match	1.7%	Score 16.8	DB 1	Length 20
Best Local Similarity	90.0%	Pred. No. 5.9e+02		
Matches 18	Conservative	0	Mismatches 2	Indels 0
			Gaps	0

QY		680	GCAACCTCTGCCTCCCGGGT	699
Dd		20	GCAGCCTCCGCTCCCGGT	1

RESULT 682  
US-10-671-395-986/c.

```

Sequence 986, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 986
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-986

```

Query Match	1.7%	Score 16.8;	DB 1;	Length 20;
Best Local Similarity	90.0%;	Pred. No. 5.9e+02;		
Matches 18; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

**Dy**      676 CACTGCAACCTCTGCCTCCC 695  
         ||||| ||||| |||||  
**Db**      20 CACTGAGCCTCCGCCCTCCC 1

```

RESULT 683
US-10-671-395-987/c
: Sequence 987, Application US/10671395
: Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glaxo, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OR INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 987
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-987

```

Query Match	1.7%;	Score 16.8;	DB 1;	Length 20;
Best Local Similarity	90.0%;	Pred. No. 5.9e+02;		
Matches 18;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

```
Oy      1054 CACCACACCCCGCTAATTTT 1073
          |||||         |||||
Db       20   CACCATACCGAGTAATTTT 1
```

```

RESULT 684
US-10-671-395-1001/c
; Sequence 1001, Application US/10671395
; Publication No. US20040132063A1
GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gilesc, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION

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```
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671.395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1001
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1001

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

713 CTGCCCCAGCCTCTGAGTA 732
20 CCGCCTCAGCCTCTGAGTA 1

RESULT 685
US-10-671-395-1016/c
Sequence 1016, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671.395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1016
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1016

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

792 GGGTTCACCATGTTGCCAG 811
20 GGGTTCACCATGTTGCCAG 1

RESULT 686
US-10-671-395-1224/c
Sequence 1224, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671.395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
```

```
SEQ ID NO 1224
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1224

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

776 ATTTTAGTAGAGATGGGT 795
20 ATTTTAGTAGAGATGGGT 1

RESULT 687
US-10-671-395-1309/c
Sequence 1309, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671.395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1309
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1309

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1066 CTAATTTTGTGATTTTCATT 1085
20 CTAATTTTGTGATTTTCATT 1

RESULT 688
US-10-671-395-1323/c
Sequence 1323, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671.395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1323
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1323
```



Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 CTCTGTTACCCGAGCTGAG 954  
DB 20 CTCTGTTGCCAAGCTGAG 1

RESULT 689  
US-10-671-395-1334/c  
; Sequence 1334, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Glaxo, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1334  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1334

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 214 GTCTCGAAGCTCCGAGCTCA 233  
DB 20 GTCTCGAAGCTCCGAGCTCA 1

RESULT 690  
US-10-671-395-1433/c  
; Sequence 1433, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Glaxo, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1433  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1433

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 213 GGTCTCGAAGCTCCGAGCTC 232  
DB 20 GGTCTCGAAGCTCCGAGCTC 1

DB 20 GGTCTCGAAGCTCCGAGCTC 1

RESULT 691  
US-10-671-395-1512/c  
; Sequence 1512, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Glaxo, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1512  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1512

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 793 GGTTCACCAAGTTCGCCAG 812  
DB 20 GGTTCACCAAGTTCGCCAG 1

RESULT 692  
US-10-671-395-1549/c  
; Sequence 1549, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Glaxo, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1549  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1549

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 937 CTGTACCCGAGCTGAGTG 956  
DB 20 CTGTACCCGAGCTGAGTG 1

RESULT 693  
US-10-671-395-1567/c  
; Sequence 1567, Application US/10671395  
; Publication No. US20040132063A1

```

; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1567
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1567

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      936 TCTGTTACCCAGGCTGAGT 955
      |||||
Db      20 TCTGTTGCCCAAGCTGAGT 1

RESULT 694
US-10-671-395-1568/c
; Sequence 1568, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1568
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1568

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      394 GCTGGGATTACGCGCTGCA 413
      |||||
Db      20 GCTGGGATTACGCGCGCTA 1

RESULT 695
US-10-671-395-1630/c
; Sequence 1630, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1567
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1630
```

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; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1630
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1630

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      371 CACCTGCTCAGCCTCCCA 390
      |||||
Db      20 CACCGGCTCGGCTCCCA 1

RESULT 696
US-10-671-395-1713/c
; Sequence 1713, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1713
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1713

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      370 CCACCTGCTCAGCCTCCCA 389
      |||||
Db      20 CCACCGGCTCGGCTCCCA 1

RESULT 697
US-10-671-395-1751/c
; Sequence 1751, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1751
; LENGTH: 20
```

TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1751

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 369 TCCACCTGCTCAGCTCC 388  
DB 20 TCCACCGGCTCGGCTCCC 1

RESULT 698  
US-10-745-377-66/c  
Sequence 66, Application US/10745377  
Publication No. US20040137423A1  
GENERAL INFORMATION:  
APPLICANT: Hayden, Michael R.  
APPLICANT: Pimstone, Simon  
APPLICANT: Brooks-Wilson, Angela R.  
APPLICANT: Clee, Susanne M.  
TITLE OF INVENTION: Compositions and Methods for Modulating  
TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels  
FILE REFERENCE: 760050-109  
CURRENT APPLICATION NUMBER: US/10/745,377  
CURRENT FILING DATE: 2003-12-23  
PRIOR APPLICATION NUMBER: 09/654,323  
PRIOR FILING DATE: 2000-09-01  
PRIOR APPLICATION NUMBER: US 60/124,702  
PRIOR FILING DATE: 1999-03-15  
PRIOR APPLICATION NUMBER: US 60/138,048  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: US 60/139,600  
PRIOR FILING DATE: 1999-06-17  
PRIOR APPLICATION NUMBER: US 60/151,977  
PRIOR FILING DATE: 1999-09-01  
PRIOR APPLICATION NUMBER: US 09/526,193  
PRIOR FILING DATE: 2000-03-15  
PRIOR APPLICATION NUMBER: US 60/213,958  
PRIOR FILING DATE: 2000-06-23  
NUMBER OF SEQ ID NOS: 256  
SOFTWARE: Word for Windows Version 6.0 (ASCII Text)  
SEQ ID NO 66  
LENGTH: 20  
TYPE: DNA  
ORGANISM: homo sapien  
US-10-745-377-66

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 659 GTGGCGCATCTGGCTCAC 678  
DB 20 GTGGCGCATCTGGCTCAC 1

RESULT 699  
US-10-664-639A-77/c  
Sequence 77, Application US/1066639A  
Publication No. US20040137471A1  
GENERAL INFORMATION:  
APPLICANT: Vickers, Timothy  
APPLICANT: Koo, Seongjoon  
APPLICANT: Bennett, C. Frank  
APPLICANT: Crooke, Stanley T.  
APPLICANT: Dean, Nicholas M.  
APPLICANT: Baker, Brenden P.  
TITLE OF INVENTION: Efficient Reduction of Target RNA's by Single- and  
TITLE OF INVENTION: Double-Stranded Oligomeric Compounds

FILE REFERENCE: ISIS0001-100 (CORE00027US)  
CURRENT APPLICATION NUMBER: US/10/664,639A  
CURRENT FILING DATE: 2003-09-18  
PRIOR APPLICATION NUMBER: US 60/411,780  
PRIOR FILING DATE: 2002-09-18  
NUMBER OF SEQ ID NOS: 121  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 77  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide  
US-10-664-639A-77

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 722 CCTCTAGTACTGGGACT 741  
DB 20 CCTCCGAGTACTGGGATT 1

RESULT 700  
US-10-681-199-39  
Sequence 39, Application US/10681199  
Publication No. US20040138441A1  
GENERAL INFORMATION:  
APPLICANT: KERE, Juba  
TITLE OF INVENTION: NOVEL HUMAN GENE FUNCTIONALLY RELATED TO DYSLLEXIA  
FILE REFERENCE: 0933-0214P  
CURRENT APPLICATION NUMBER: US/10/681,199  
CURRENT FILING DATE: 2003-10-09  
NUMBER OF SEQ ID NOS: 42  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 39  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR PRIMER EKX1-9P  
US-10-681-199-39

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 384 CTCCTCAAGTCTGGGATT 403  
DB 1 CTCCTCAAGTCTGGGATT 20

RESULT 701  
US-10-772-542-85/c  
Sequence 85, Application US/10772542  
Publication No. US20040142898A1  
GENERAL INFORMATION:  
APPLICANT: Susan M. Freier  
TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION  
FILE REFERENCE: RTS-0248  
CURRENT APPLICATION NUMBER: US/10/772,542  
CURRENT FILING DATE: 2004-02-05  
PRIOR APPLICATION NUMBER: US/09/898,556  
PRIOR FILING DATE: 2001-07-03  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 85  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide

US-10-772-542-85

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 391 AGTGCTGGATTACAGCGCT 410  
DB 20 AGTGCTGGATTACAGCGCT 1

RESULT 702

US-10-772-542-87/c  
; Sequence 87, Application US/10772542  
; Publication No. US20040142898A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION  
; FILE REFERENCE: RTS-0248  
; CURRENT APPLICATION NUMBER: US/10/772,542  
; PRIOR FILING DATE: 2004-02-05  
; PRIOR APPLICATION NUMBER: US/09/898,556  
; PRIOR FILING DATE: 2001-07-03  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 87  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-772-542-87

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 TCTCACTCTGTACCCAGGC 949  
DB 20 TCTCACTCTGTACCCAGGC 1

RESULT 703  
US-09-770-107-86  
; Sequence 86, Application US/09770107  
; Publication No. US20030054345A1  
; GENERAL INFORMATION:  
; APPLICANT: Millennium Pharmaceuticals, Inc.  
; APPLICANT: Meyer, Joanne  
; APPLICANT: Barrington-Martin, Rory  
; APPLICANT: Parker, Alexander  
; APPLICANT: Barnes, Glenn  
; TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of  
; FILE REFERENCE: 3322/0H401  
; CURRENT APPLICATION NUMBER: US/09/770,107  
; PRIOR FILING DATE: 2001-01-24  
; NUMBER OF SEQ ID NOS: 127  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 86  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-770-107-86

Query Match 1.7%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 6.2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 685 CTCGCTCCCGGGTTCAAG 704  
DB 1 CTCGCTCCCGGGTTCAAG 20

RESULT 704

US-09-967-323-2  
; Sequence 2, Application US/09967323  
; Publication No. US20030082551A1  
; GENERAL INFORMATION:  
; APPLICANT: Zarling, David A.  
; APPLICANT: Caspi, Ron  
; APPLICANT: Stephens, Kathryn M.  
; APPLICANT: Sargent, Roy G.  
; APPLICANT: Lehman, Christopher  
; TITLE OF INVENTION: High-Throughput Gene Cloning and Phenotypic Screening  
; FILE REFERENCE: A-67933-3/RFT/NBC  
; CURRENT APPLICATION NUMBER: US/09/967,323  
; PRIOR FILING DATE: 2001-09-28  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-09-967-323-2

Query Match 1.7%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 6.2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCACAGTCACTCAGCCT 512  
DB 1 ATCACAGTCACTCAGCCT 20

RESULT 705  
US-09-532-708-2  
; Sequence 2, Application US/09532708  
; Publication No. US20030124505A1  
; GENERAL INFORMATION:  
; APPLICANT: Jain, Sarita  
; APPLICANT: Allen, Elizabeth  
; APPLICANT: Paci, Susuma  
; APPLICANT: Sargent, Roy  
; APPLICANT: Zarling, David  
; TITLE OF INVENTION: HIGH-THROUGHPUT GENE CLONING AND PHENOTYPIC SCREENING  
; FILE REFERENCE: A-67933-1/RFT/RMS/BTC  
; CURRENT APPLICATION NUMBER: US/09/532,708  
; PRIOR FILING DATE: 2000-03-22  
; PRIOR APPLICATION NUMBER: US 60/125,536  
; PRIOR FILING DATE: 1999-03-22  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic  
US-09-532-708-2

Query Match 1.7%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 6.2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCACAGTCACTCAGCCT 512  
DB 1 ATCACAGTCACTCAGCCT 20

RESULT 706  
US-10-085-906-376  
; Sequence 376, Application US/10085906

```
/ Publication No. US20030054371A1
/ GENERAL INFORMATION:
/ APPLICANT: Yung, Vincent
/ APPLICANT: Wu, Paul
/ APPLICANT: Gray, Gary S.
/ TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
/ TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
/ FILE REFERENCE: GNN-5343CP2
/ CURRENT APPLICATION NUMBER: US/10/085,906
/ CURRENT FILING DATE: 2002-02-27
/ PRIOR APPLICATION NUMBER: US 60/126,215
/ PRIOR FILING DATE: 1999-03-25
/ PRIOR APPLICATION NUMBER: US 09/534,061
/ PRIOR FILING DATE: 2000-03-24
/ PRIOR APPLICATION NUMBER: PCT/US00/07938
/ PRIOR FILING DATE: 2000-03-24
/ NUMBER OF SEQ ID NOS: 545
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 376
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-085-906-376

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      737 GGACTACAGCGCCGCCACAC 756
DB      1 GGATTACAGCGCCGCCACAC 20

RESULT 707
US-10-005-956-737/c
/ Sequence 737, Application US/10005956
/ Publication No. US20030113726A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
/ FILE REFERENCE: D0053NP
/ CURRENT APPLICATION NUMBER: US/10/005,956
/ CURRENT FILING DATE: 2001-12-03
/ PRIOR APPLICATION NUMBER: 60/251,015
/ PRIOR FILING DATE: 2000-12-04
/ PRIOR APPLICATION NUMBER: 60/263,678
/ PRIOR FILING DATE: 2001-01-23
/ PRIOR APPLICATION NUMBER: 60/273,037
/ PRIOR FILING DATE: 2001-03-02
/ NUMBER OF SEQ ID NOS: 1579
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 737
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-005-956-737

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1085 TAGAGCGCGGGTTTCACCAT 1104
DB      20 TAGAGTCGGGGTCTCACCAT 1

RESULT 708
US-10-005-956-738/c
/ Sequence 738, Application US/10005956
/ Publication No. US20030113726A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
```

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/ FILE REFERENCE: D0053NP
/ CURRENT APPLICATION NUMBER: US/10/005,956
/ CURRENT FILING DATE: 2001-12-03
/ PRIOR APPLICATION NUMBER: 60/251,015
/ PRIOR FILING DATE: 2000-12-04
/ PRIOR APPLICATION NUMBER: 60/263,678
/ PRIOR FILING DATE: 2001-01-23
/ PRIOR APPLICATION NUMBER: 60/273,037
/ PRIOR FILING DATE: 2001-03-02
/ NUMBER OF SEQ ID NOS: 1579
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 738
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-005-956-738

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1085 TAGAGCGCGGGTTTCACCAT 1104
DB      20 TAGAGTCGGGGTCTCACCAT 1

RESULT 709
US-10-005-956-982/c
/ Sequence 982, Application US/10005956
/ Publication No. US20030113726A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
/ FILE REFERENCE: D0053NP
/ CURRENT APPLICATION NUMBER: US/10/005,956
/ CURRENT FILING DATE: 2001-12-03
/ PRIOR APPLICATION NUMBER: 60/251,015
/ PRIOR FILING DATE: 2000-12-04
/ PRIOR APPLICATION NUMBER: 60/263,678
/ PRIOR FILING DATE: 2001-01-23
/ PRIOR APPLICATION NUMBER: 60/273,037
/ PRIOR FILING DATE: 2001-03-02
/ NUMBER OF SEQ ID NOS: 1579
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 982
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: homo sapiens
US-10-005-956-982

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1085 TAGAGCGCGGGTTTCACCAT 1104
DB      20 TAGAGTCGGGGTCTCACCAT 1

RESULT 710
US-10-005-956-983/c
/ Sequence 983, Application US/10005956
/ Publication No. US20030113726A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
/ FILE REFERENCE: D0053NP
/ CURRENT APPLICATION NUMBER: US/10/005,956
/ CURRENT FILING DATE: 2001-12-03
/ PRIOR APPLICATION NUMBER: 60/251,015
/ PRIOR FILING DATE: 2000-12-04
/ PRIOR APPLICATION NUMBER: 60/263,678
/ PRIOR FILING DATE: 2001-01-23
```

PRIOR APPLICATION NUMBER: 60/273,037  
PRIOR FILING DATE: 2001-03-02  
NUMBER OF SEQ ID NOS: 1579  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 983  
LENGTH: 21  
TYPE: DNA  
ORGANISM: homo sapiens  
US-10-005-956-983

Query Match 1.7%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 6.2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 1085 TAGAGCGGGGTTTCACCAT 1104  
Db 20 TAGAGTCGGGGTTCACCAT 1

## RESULT 711

US-10-165-099-338/c  
Sequence 338, Application US/10165099  
Publication No. US20030188326a1  
GENERAL INFORMATION:  
APPLICANT: D'Andrea, Alan  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY  
FILE REFERENCE: 7032/2055  
CURRENT APPLICATION NUMBER: US/10/165,099  
CURRENT FILING DATE: 2002-06-06  
PRIOR APPLICATION NUMBER: US 09/998,027  
PRIOR FILING DATE: 2001-11-02  
PRIOR APPLICATION NUMBER: US 60/245,756  
PRIOR FILING DATE: 2000-11-03  
NUMBER OF SEQ ID NOS: 352  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 338  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-10-165-099-338

Query Match 1.7%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 6.2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 868 GGATTACAGCGCTGAGCCAC 887  
Db 20 GGATTACAGCATGAGCCAC 1

## RESULT 712

US-10-349-143-6639/c  
Sequence 6639, Application US/10349143  
Publication No. US20040005584a1  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET 020CPI  
CURRENT APPLICATION NUMBER: US/10/349,143  
CURRENT FILING DATE: 2003-01-21  
PRIOR APPLICATION NUMBER: US/09/422,978  
PRIOR FILING DATE: 1999-10-20  
PRIOR APPLICATION NUMBER: US 09/298,850  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: US 60/109,732  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 6639  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..21  
OTHER INFORMATION: upstream amplification primer 99-14743 for SEQ 2705,  
US-10-349-143-6639

Query Match 1.7%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 6.2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 313 GTGTAGAAACAGGCTTCA 332  
Db 21 GTGTAGAAAAGGCTTCA 2

## RESULT 713

US-10-410-031-189  
Sequence 189, Application US/10410031  
Publication No. US20040010817a1  
GENERAL INFORMATION:  
APPLICANT: Shockey, Jay M.  
APPLICANT: Schnurr, Judy  
APPLICANT: Browne, John A.  
TITLE OF INVENTION: Plant Acyl-coA Synthetases  
FILE REFERENCE: DOW-07654  
CURRENT APPLICATION NUMBER: US/10/410,031  
CURRENT FILING DATE: 2003-04-09  
NUMBER OF SEQ ID NOS: 191  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 189  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-410-031-189

Query Match 1.7%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 6.2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 427 TTTTATTATTTTATTTT 446  
Db 2 TTTTATTTTATTTTATTT 21

## RESULT 714

US-10-627-253A-89  
Sequence 89, Application US/10627253A  
Publication No. US20040161768a1  
GENERAL INFORMATION:  
APPLICANT: BRINKMANN, ULRICH  
APPLICANT: HOPMEYER, SVEN  
APPLICANT: MORNINGBEG, ESTHER  
TITLE OF INVENTION: POLYOMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG  
TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR USE IN  
FILE REFERENCE: VOS-42 CON  
CURRENT APPLICATION NUMBER: US/10/627,253A  
CURRENT FILING DATE: 2003-07-24  
PRIOR APPLICATION NUMBER: PCT/EP02/00796  
PRIOR FILING DATE: 2002-01-25  
PRIOR APPLICATION NUMBER: EP 01101651.6  
PRIOR FILING DATE: 2001-01-26  
NUMBER OF SEQ ID NOS: 406  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 89  
LENGTH: 21

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-10-627-253A-89

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 834 TGTGATCTGCGCTCGCGC 853
DB 1 TGTGATCGGCGCCGCTCGGC 20

RESULT 715
US-10-627-253A-90/C
; Sequence 90, Application US/10627253A
; Publication No. US20040161768A1
; GENERAL INFORMATION:
; APPLICANT: BRINKMANN, ULRICH
; APPLICANT: HOPMEYER, SVEN
; APPLICANT: MORHMEG, ESTHER
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
; TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR USE IN
; FILE REFERENCE: VOS-42 CON
; CURRENT APPLICATION NUMBER: US/10/627,253A
; PRIOR FILING DATE: 2003-07-24
; PRIOR APPLICATION NUMBER: PCT/EP02/00796
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: EP 01101651.6
; NUMBER OF SEQ ID NOS: 406
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 90
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-10-627-253A-90

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 834 TGTGATCTGCGCTCGCGC 853
DB 21 TGTGATCGGCGCCGCTCGGC 2

RESULT 716
US-10-786-720-13164
; Sequence 13164, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; PRIOR FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13164
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13164
```

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Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 795 TTCACCATGTTGCCAGGTT 814
DB 1 UUCACCAUGUNAGCCAGGAV 20

RESULT 717
US-10-786-720-13230
; Sequence 13230, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; PRIOR FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13230
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13230

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 6.2e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 212 TGATCTGCACTCCGACCT 231
DB 1 UGUCUCGAVUCUCUGACCU 20

RESULT 718
US-10-786-720-13251
; Sequence 13251, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; PRIOR FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13251
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13251

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 6.2e+02;
Matches 14; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 673 GCTCACTGCACTTGCT 692
DB 2 GCTCAGCAGACCTCCGCU 21

RESULT 719
US-10-786-720-14250/C
; Sequence 14250, Application US/10786720
; Publication No. US20040191818A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14250
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-14250

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1039 ATACAGCGCCTGCGACCA 1058
DB      20  ATACAGCGCGCTGCCACCA 1

RESULT 720
US-10-786-720-15367
; Sequence 15367, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15367
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-15367

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      493 ATCAGCTCACTGCAGCCT 512
DB      2   ATCAGCTCACTGCAGCCT 21

RESULT 721
US-10-786-720-15368
; Sequence 15368, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15368
; LENGTH: 21

; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-15368

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 6.2e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      494 TCACAGCTCACTGCAGCCT 513
DB      1   UCACAGUCAUUGCAGCCTU 20

RESULT 722
US-10-786-720-15369/c
; Sequence 15369, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15369
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-15369

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      493 ATCAGCTCACTGCAGCCT 512
DB      20  ATCAGCTCACTGCAGCCT 1

RESULT 723
US-10-786-720-15733
; Sequence 15733, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15733
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-15733

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      493 ATCAGCTCACTGCAGCCT 512
DB      2   ATCAGCTCACTGCAGCCT 21
```



```
RESULT 724
US-10-786-720-15734
; Sequence 15734, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15734
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-15734

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 494 TCACAGCTCAGTCAGCCTT 513
DB 1 UCACAGUCUACUUCAGCCUU 20

RESULT 725
US-10-786-720-15735/c
; Sequence 15735, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15735
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-15735

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCAGCTCAGTCAGCCTT 512
DB 20 ATCAGCTCAGTCAGCCTT 1

RESULT 726
US-10-786-720-16054
; Sequence 16054, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
```

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; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16054
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-16054

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCAGCTCAGTCAGCCTT 512
DB 2 ATCAGCTCAGTCAGCCTT 21

RESULT 727
US-10-786-720-16055
; Sequence 16055, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16055
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-16055

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 494 TCACAGCTCAGTCAGCCTT 513
DB 1 UCACAGUCUACUUCAGCCUU 20

RESULT 728
US-10-786-720-16056/c
; Sequence 16056, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16056
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-16056

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCAGCTCAGTCAGCCTT 512
```

```
Db      20 ATCAGAGTTCATGAGCCT 1
      |||||
RESULT 729
US-10-786-720-16405
; Sequence 16405, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16405
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-16405

Query Match      1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db      493 ATCAGAGTTCATGAGCCT 512
      |||||
RESULT 730
US-10-786-720-16406
; Sequence 16406, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16406
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-16406

Query Match      1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 6.2e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Db      1 TCACAGCTCAGTGCAGCCT 513
      |||||
RESULT 731
US-10-786-720-16407/C
; Sequence 16407, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16407
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-16407

Query Match      1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db      20 ATCAGAGTTCATGAGCCT 1
      |||||
TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16407
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-16407

Query Match      1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db      493 ATCAGAGTTCATGAGCCT 512
      |||||
RESULT 732
US-10-786-720-20181
; Sequence 20181, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20181
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20181

Query Match      1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Db      193 TTCATGTTGTCAGCCT 212
      |||||
RESULT 733
US-10-786-720-20184
; Sequence 20184, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20184
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20184

Query Match      1.7%; Score 16.8; DB 1; Length 21;
```



ORGANISM: RNA1-antisense strand  
US-10-786-720-20394

Query Match 1.7%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 65.0%; Pred. No. 6.2e+02;  
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 967 ATTCGGCTCACTGCACT 986  
DB 1 AUCUCAGCUCACUGAACCU 20

RESULT 739  
US-10-786-720-20459

Sequence 20459, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
TITLE OF INVENTION: DISEASES  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 20459  
LENGTH: 21  
TYPE: RNA  
ORGANISM: RNA1-sense strand  
US-10-786-720-20459

Query Match 1.7%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 55.0%; Pred. No. 6.2e+02;  
Matches 11; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 795 TTCACCATGTCGCCAGGT 814  
DB 2 UUCACCAUGUGGCUAGGU 21

RESULT 740  
US-10-786-720-20629

Sequence 20629, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
APPLICANT: Liu, Wei  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
TITLE OF INVENTION: DISEASES  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 20629  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-786-720-20629

Query Match 1.7%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 6.2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 208 AGGCTGGTCTGCACTCCCG 227  
DB 2 AGGCTGGTCTTGAACCTCG 21

RESULT 741

US-10-786-720-20631/c  
Sequence 20631, Application US/10786720  
Publication No. US20040191818A1

GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
APPLICANT: Liu, Wei  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
TITLE OF INVENTION: DISEASES  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 20631  
LENGTH: 21  
TYPE: RNA  
ORGANISM: RNA1-antisense strand  
US-10-786-720-20631

Query Match 1.7%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 6.2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 208 AGGCTGGTCTGCACTCCCG 227  
DB 20 AGGCTGGTCTTGAACCTCG 1

RESULT 742  
US-09-728-552-2/c

Sequence 2, Application US/09728552  
Publication No. US20030096398A1  
GENERAL INFORMATION:  
APPLICANT: Choo, Kong-Hong Andy  
APPLICANT: Du Sart, Desiree  
APPLICANT: Cancilla, Michael R.  
TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE  
FILE REFERENCE: Davies Col  
CURRENT APPLICATION NUMBER: US/09/728,552  
CURRENT FILING DATE: 2000-12-02  
PRIOR APPLICATION NUMBER: 09/078,294  
PRIOR FILING DATE: 1998-05-13  
NUMBER OF SEQ ID NOS: 29  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 2  
LENGTH: 19  
TYPE: DNA  
ORGANISM: DNA primer  
US-09-728-552-2

Query Match 1.7%; Score 16.6; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 645 CAGGCTGAGTGCAGTGC 663  
DB 19 CAGGCTGAGTGCAGTGC 1

RESULT 743  
US-09-263-959-1276/c

Sequence 1276, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Rowen, Lee  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 1276:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-1276

Query Match 1.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 5.7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 641 CACCCAGGCTGGAGTCA 658  
DB 18 CATTCCAGGCTGGAGTCA 1

RESULT 744  
US-09-739-909-7/c  
Sequence 7, Application US/09739909  
Publication No. US20030022163A1  
GENERAL INFORMATION:  
APPLICANT: Mandrekar, Michelle N.  
APPLICANT: Tereba, Allan  
APPLICANT: Shultz, John W.  
TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences  
FILE REFERENCE: US CIP OF PRO-104.0  
CURRENT APPLICATION NUMBER: US/09/739,909  
CURRENT FILING DATE: 2000-12-15  
PRIOR APPLICATION NUMBER: 09/358,972  
PRIOR FILING DATE: 1999-07-21  
PRIOR APPLICATION NUMBER: 09/383,316  
PRIOR FILING DATE: 1999-08-25  
NUMBER OF SEQ ID NOS: 30  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 7  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-739-909-7

Query Match 1.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 5.7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 729 AGTAGCTGGAGTACAGG 746  
DB 18 AGTAGCTGGAGTACAGG 1

RESULT 745  
US-10-255-434-9  
Sequence 9, Application US/10255434

Publication No. US20030129626A1  
GENERAL INFORMATION:  
APPLICANT: Nielsen, Kirsten V.  
APPLICANT: Hyldig-Nielsen, Jens J.  
APPLICANT: Williams, Brett F.  
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
FILE REFERENCE: BP0101-US  
CURRENT APPLICATION NUMBER: US/10/255,434  
CURRENT FILING DATE: 2002-09-24  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 9  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic  
OTHER INFORMATION: Oligomer Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe  
US-10-255-434-9

Query Match 1.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 5.7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 TAGCTGGAGCTACAGCG 748  
DB 1 TAGCTGGAGTACAGCG 18

RESULT 746  
US-10-255-434-21/c  
Sequence 21, Application US/10255434  
Publication No. US20030129626A1  
GENERAL INFORMATION:  
APPLICANT: Nielsen, Kirsten V.  
APPLICANT: Hyldig-Nielsen, Jens J.  
APPLICANT: Williams, Brett F.  
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
FILE REFERENCE: BP0101-US  
CURRENT APPLICATION NUMBER: US/10/255,434  
CURRENT FILING DATE: 2002-09-24  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 21  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic  
OTHER INFORMATION: Oligomer Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe  
US-10-255-434-21

Query Match 1.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 5.7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 TAGCTGGAGCTACAGCG 748  
DB 18 TAGCTGGAGTACAGCG 1

RESULT 747  
US-10-731-739-220/c

Sequence 220, Application US/10731739  
Publication No. US20040176582A1  
GENERAL INFORMATION:  
APPLICANT: Carulli, John P.  
APPLICANT: Little, Randall D.  
APPLICANT: Recker, Robert R.  
APPLICANT: Johnson, Mark L.  
TITLE OF INVENTION: High bone mass gene of 11q13.3  
FILE REFERENCE: 032796-013  
CURRENT APPLICATION NUMBER: US/10/731,739  
CURRENT FILING DATE: 2003-12-10  
PRIOR APPLICATION NUMBER: US/09/544,398B  
PRIOR FILING DATE: 2002-06-10  
PRIOR APPLICATION NUMBER: US 09/229,319  
PRIOR FILING DATE: 1999-01-13  
PRIOR APPLICATION NUMBER: US 60/071,449  
PRIOR FILING DATE: 1998-01-13  
PRIOR APPLICATION NUMBER: US 60/105,511  
PRIOR FILING DATE: 1998-10-23  
NUMBER OF SEQ ID NOS: 641  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 220  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-731-739-220

Query Match 1.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 5.7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 685 CTCGCTCCCGGGTTCA 702  
|||  
Db 18 CTCGCTCCCGGGTTCA 1

RESULT 748  
US-10-731-739-438  
Sequence 438, Application US/10731739  
Publication No. US20040176582A1  
GENERAL INFORMATION:  
APPLICANT: Carulli, John P.  
APPLICANT: Little, Randall D.  
APPLICANT: Recker, Robert R.  
APPLICANT: Johnson, Mark L.  
TITLE OF INVENTION: High bone mass gene of 11q13.3  
FILE REFERENCE: 032796-013  
CURRENT APPLICATION NUMBER: US/10/731,739  
CURRENT FILING DATE: 2003-12-10  
PRIOR APPLICATION NUMBER: US/09/544,398B  
PRIOR FILING DATE: 2002-06-10  
PRIOR APPLICATION NUMBER: US 09/229,319  
PRIOR FILING DATE: 1999-01-13  
PRIOR APPLICATION NUMBER: US 60/071,449  
PRIOR FILING DATE: 1998-01-13  
PRIOR APPLICATION NUMBER: US 60/105,511  
PRIOR FILING DATE: 1998-10-23  
NUMBER OF SEQ ID NOS: 641  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 438  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-731-739-438

Query Match 1.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 5.7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 392 GTGCTGGATTACAGCG 409  
|||  
Db 1 GTACTGGATTACAGCG 18

RESULT 749  
US-09-263-959-630/c

Sequence 630, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Rowen, Lee  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 630:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-630

Query Match 1.7%; Score 16.4; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 445  
|||  
Db 19 TTTTATTTTATTTT 2

RESULT 750  
US-09-263-959-963  
Sequence 963, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Rowen, Lee  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMaetere, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 963:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-963

Query Match 1.7%; Score 16.4; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTTATTTT 18

RESULT 751  
US-09-263-959-1278  
Sequence 1278, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Kowen, Lee  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMaetere, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 1278:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-1278

Query Match 1.7%; Score 16.4; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 719 CAGCTCCTGAGTACTG 736  
|||||  
Db 2 CAGCTCCTGAGTACTG 19

RESULT 752  
US-10-204-254A-41  
Sequence 41, Application US/10204254A  
Publication No. US20030176649A1  
GENERAL INFORMATION:  
APPLICANT: VIKKOLA, Mikka  
TITLE OF INVENTION: VMDG10 gene and its mutations causing disorders with a vascular c  
FILE REFERENCE: DECE59.001ABC  
CURRENT APPLICATION NUMBER: US/10/204,254A  
CURRENT FILING DATE: 2002-08-16  
PRIOR APPLICATION NUMBER: PCT/EP01/01760  
PRIOR FILING DATE: 2001-02-16  
PRIOR APPLICATION NUMBER: 00870022.1  
PRIOR FILING DATE: 2000-02-16  
PRIOR APPLICATION NUMBER: 60/195,777  
PRIOR FILING DATE: 2000-04-10  
PRIOR APPLICATION NUMBER: 00870320.9  
PRIOR FILING DATE: 2000-12-22  
NUMBER OF SEQ ID NOS: 153  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 41  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide  
US-10-204-254A-41

Query Match 1.7%; Score 16.4; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1111 CAGGCTGCTCTCAACTG 1128  
|||||  
Db 2 CAGGCTGCTCTCAACTG 19

RESULT 753  
US-09-898-556A-88/C  
Sequence 88, Application US/09898556A  
Publication No. US20030087849A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Susan M. Freier  
TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION  
FILE REFERENCE: RTS-0248  
CURRENT APPLICATION NUMBER: US/09/898,556A  
CURRENT FILING DATE: 2001-07-03  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 88  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-898-556A-88

Query Match 1.7%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 6.2e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 728 GAGTAGCTGGACTACAG 745  
|||||  
Db 20 GATTAGCTGGACTACAG 3

RESULT 754  
US-10-222-334-10/C

```
Sequence 10, Application US/10222334
; Publication No. US20030073116A1
; GENERAL INFORMATION:
; APPLICANT: Ginsburg, David
; APPLICANT: Levy, Galila
; APPLICANT: Tsai, Han-Mou
; TITLE OF INVENTION: ADAMTS13 Genes and Proteins and Variants, and Uses Thereof
; FILE REFERENCE: UM-07288
; CURRENT APPLICATION NUMBER: US/10/222,334
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: 60/312,834
; PRIOR FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-222-334-10

Query Match      1.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      967 ATCTCGGCTCACTGCAAC 984
Db      18 ATCTCAGCTCACTGCAAC 1

RESULT 755
US-10-006-883A-71/c
; Sequence 71, Application US/10006883A
; Publication No. US20030119767A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF NOD1 EXPRESSION
; FILE REFERENCE: RTS-0337
; CURRENT APPLICATION NUMBER: US/10/006,883A
; CURRENT FILING DATE: 2001-12-05
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-883A-71

Query Match      1.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      1019 CAGCTCCCAAGCAGCTG 1036
Db      18 CTGCCTCCCAAGCAGCTG 1

RESULT 756
US-10-401-194-75/c
; Sequence 75, Application US/10401194
; Publication No. US20030219810A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Barnes, Glenn T.
; APPLICANT: Berlin, John
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE
; FILE REFERENCE: MP102-041P1RNM
; CURRENT APPLICATION NUMBER: US/10/401,194
; CURRENT FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/368,184
; PRIOR FILING DATE: 2002-03-27
```

```
NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-401-194-75

Query Match      1.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      1019 CAGCTCCCAAGCAGCTG 1036
Db      19 CTGCCTCCCAAGCAGCTG 2

RESULT 757
US-10-199-199-83
; Sequence 83, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-199-83

Query Match      1.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      687 CTGCCTCCCGGGTTCAG 704
Db      2 CTGCCTCCCGGGTTCAG 19

RESULT 758
US-10-199-199-141/c
; Sequence 141, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 141
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-199-199-141

Query Match      1.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      687 CTGCCTCCCGGGTTCAG 704
Db      19 CTGCCTCCCGGGTTCAG 2
```



```
RESULT 759
US-10-316-540-24
; Sequence 24, Application US/10316540
; Publication No. US20040126761A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Ravi Jain
; TITLE OF INVENTION: MODULATION OF ALPHA-METHYLACYL-COA RACEMASE EXPRESSION
; FILE REFERENCE: RTS-0471
; CURRENT APPLICATION NUMBER: US/10/316,540
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-540-24

Query Match
Best Local Similarity 1.7%; Score 16.4; DB 1; Length 20;
Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 184 AGATGAGTTTCTCCATG 201
DB 1 AGCTGAGTTTCTCCATG 18

RESULT 760
US-10-316-540-101/c
; Sequence 101, Application US/10316540
; Publication No. US20040126761A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Ravi Jain
; TITLE OF INVENTION: MODULATION OF ALPHA-METHYLACYL-COA RACEMASE EXPRESSION
; FILE REFERENCE: RTS-0471
; CURRENT APPLICATION NUMBER: US/10/316,540
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-540-101

Query Match
Best Local Similarity 1.7%; Score 16.4; DB 1; Length 20;
Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 184 AGATGAGTTTCTCCATG 201
DB 20 AGCTGAGTTTCTCCATG 3

RESULT 761
US-10-671-395-1558/c
; Sequence 1558, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
```

```
SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1558
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1558

Query Match
Best Local Similarity 1.7%; Score 16.4; DB 1; Length 20;
Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 732 AGCTGGACTACAGGCGC 749
DB 20 AGCTGGATTACAGGCGC 3

RESULT 762
US-10-772-542-88/c
; Sequence 88, Application US/10772542
; Publication No. US20040142898A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Pfeier
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/10/772,542
; CURRENT FILING DATE: 2004-02-05
; PRIOR APPLICATION NUMBER: US/09/898,556
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-772-542-88

Query Match
Best Local Similarity 1.7%; Score 16.4; DB 1; Length 20;
Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 728 GAGTACTGGGACTACAG 745
DB 20 GATTACTGGGACTACAG 3

RESULT 763
US-09-739-909-4
; Sequence 4, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Terada, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-909-4
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Query Match 1.6%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0;

QY 968 TCTCGGCTCACTGCAG 983  
Db 1 TCTCGGCTCACTGCAG 16

RESULT 764  
US-09-739-909-5  
; Sequence 5, Application US/09739909  
; Publication No. US20030022163A1  
; GENERAL INFORMATION:  
; APPLICANT: Mandrekar, Michelle N.  
; APPLICANT: Tereba, Allan  
; APPLICANT: Shultz, John W.  
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences  
; FILE REFERENCE: US CIP of PRO-104.0  
; CURRENT APPLICATION NUMBER: US/09/739,909  
; CURRENT FILING DATE: 2000-12-15  
; PRIOR APPLICATION NUMBER: 09/358,972  
; PRIOR FILING DATE: 1999-07-21  
; PRIOR APPLICATION NUMBER: 09/383,316  
; PRIOR FILING DATE: 1999-08-25  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 5  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-739-909-5

Query Match 1.6%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0;

QY 968 TCTCGGCTCACTGCAG 983  
Db 1 TCTCGGCTCACTGCAG 16

RESULT 765  
US-09-739-909-6  
; Sequence 6, Application US/09739909  
; Publication No. US20030022163A1  
; GENERAL INFORMATION:  
; APPLICANT: Mandrekar, Michelle N.  
; APPLICANT: Tereba, Allan  
; APPLICANT: Shultz, John W.  
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences  
; FILE REFERENCE: US CIP of PRO-104.0  
; CURRENT APPLICATION NUMBER: US/09/739,909  
; CURRENT FILING DATE: 2000-12-15  
; PRIOR APPLICATION NUMBER: 09/358,972  
; PRIOR FILING DATE: 1999-07-21  
; PRIOR APPLICATION NUMBER: 09/383,316  
; PRIOR FILING DATE: 1999-08-25  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 6  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-739-909-6

Query Match 1.6%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0;

QY 868 GGATTACAGCGCTGAG 883  
Db 1 GGATTACAGCGCTGAG 16

RESULT 766  
US-09-739-909-8

; Sequence 8, Application US/09739909  
; Publication No. US20030022163A1  
; GENERAL INFORMATION:  
; APPLICANT: Mandrekar, Michelle N.  
; APPLICANT: Tereba, Allan  
; APPLICANT: Shultz, John W.  
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences  
; FILE REFERENCE: US CIP of PRO-104.0  
; CURRENT APPLICATION NUMBER: US/09/739,909  
; CURRENT FILING DATE: 2000-12-15  
; PRIOR APPLICATION NUMBER: 09/358,972  
; PRIOR FILING DATE: 1999-07-21  
; PRIOR APPLICATION NUMBER: 09/383,316  
; PRIOR FILING DATE: 1999-08-25  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-739-909-8

Query Match 1.6%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0;

QY 647 GGCTGAGTGCAGTGG 662  
Db 1 GGCTGAGTGCAGTGG 16

RESULT 767  
US-09-739-909-11/c  
; Sequence 11, Application US/09739909  
; Publication No. US20030022163A1  
; GENERAL INFORMATION:  
; APPLICANT: Mandrekar, Michelle N.  
; APPLICANT: Tereba, Allan  
; APPLICANT: Shultz, John W.  
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences  
; FILE REFERENCE: US CIP of PRO-104.0  
; CURRENT APPLICATION NUMBER: US/09/739,909  
; CURRENT FILING DATE: 2000-12-15  
; PRIOR APPLICATION NUMBER: 09/358,972  
; PRIOR FILING DATE: 1999-07-21  
; PRIOR APPLICATION NUMBER: 09/383,316  
; PRIOR FILING DATE: 1999-08-25  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 11  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-739-909-11

Query Match 1.6%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0;

QY 647 GGCTGAGTGCAGTGG 662  
Db 1 GGCTGAGTGCAGTGG 16

RESULT 768  
US-10-092-885-40/c  
; Sequence 40, Application US/10092885  
; Publication No. US20030190618A1  
; GENERAL INFORMATION:

```

; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-40

Query Match      1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      667 ATCTTGCTCAGCTGCA 682
DB      16 ATCTTGCTCAGCTGCA 1

RESULT 769
US-10-092-885-42/c
; Sequence 42, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-42

Query Match      1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      250 CGGCTTCCCAAGTGC 265
DB      16 CGGCTTCCCAAGTGC 1

RESULT 770
US-10-092-885-43/c
; Sequence 43, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
```

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; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 43
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-43

Query Match      1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      869 GATTACAGGCGTGAAC 884
DB      16 GATTACAGGCGTGAAC 1

RESULT 771
US-10-092-885-46/c
; Sequence 46, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-46

Query Match      1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      381 AGCCTCCCAAGTGTCT 396
DB      16 AGCCTCCCAAGTGTCT 1

RESULT 772
US-10-092-885-48/c
; Sequence 48, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 48
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-48
```

Query Match 1.6%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 381 AGCTCCCAAGTCT 396  
|||  
Db 16 AGCTCCCAAGTCT 1

## RESULT 773

US-09-898-779-91/c  
; Sequence 91, Application US/09898779  
; Patent No. US20020106657A1  
; GENERAL INFORMATION:  
; APPLICANT: Kent D. Taylor (Inventor)  
; APPLICANT: Maren T. Schenker (Inventor)  
; APPLICANT: Jerome I. Rottler (Inventor)  
; APPLICANT: Huiying Yang (Inventor)  
; TITLE OF INVENTION: Genetic Test to Determine  
; FILE REFERENCE: 18810-82302  
; CURRENT APPLICATION NUMBER: US/09/898,779  
; PRIOR FILING DATE: 2001-07-03  
; PRIOR APPLICATION NUMBER: 09/347,114  
; NUMBER OF SEQ ID NOS: 110  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 91  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-898-779-91

Query Match 1.6%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 939 GTTACCCAGGCTGAG 954  
|||  
Db 16 GTTACCCAGGCTGAG 1

## RESULT 774

US-10-156-306-547  
; Sequence 547, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 547  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-547

Query Match 1.6%; Score 16; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 5.7e+02;  
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 536 TCCTGCTCAGGCTCC 551  
|||  
Db 1 UCCGCTCAGGCTCC 16

RESULT 775  
US-10-156-306-573

; Sequence 573, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 573  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-573

Query Match 1.6%; Score 16; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 5.7e+02;  
Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 843 CTTGCTCGGCTCC 858  
|||  
Db 2 CTTGCTCGGCTCC 17

## RESULT 776

US-10-156-306-1654  
; Sequence 1654, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1654  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1654

Query Match 1.6%; Score 16; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 5.7e+02;  
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGCTGAGTCA 658  
|||  
Db 2 CCCAGCTGAGTCA 17

## RESULT 777

US-10-156-306-1659  
; Sequence 1659, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1659  
; LENGTH: 17  
; TYPE: RNA

ORGANISM: Homo sapiens  
US-10-156-306-1659

Query Match 1.6%; Score 16; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 5.7e+02;  
Matches 11; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCAGTCAAC 683  
DB 2 CUCGCGCUCACUGCA 17

RESULT 778  
US-10-156-306-1660  
; Sequence 1660, Application US/10156306  
; Publication No. US20030119017A1

GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1660  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-1660

Query Match 1.6%; Score 16; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 5.7e+02;  
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 669 CTTGGCTCACTGCAAC 684  
DB 1 CUGGCGCUCACUGCAAC 16

RESULT 779  
US-10-156-306-1672  
; Sequence 1672, Application US/10156306  
; Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1672  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-1672

Query Match 1.6%; Score 16; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 5.7e+02;  
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 535 CTCCTGCTCAGCTTC 550  
DB 2 CUCGCGCUCACUGCA 17

RESULT 780  
US-10-156-306-1677  
; Sequence 1677, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1677  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-1677

Query Match 1.6%; Score 16; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 5.7e+02;  
Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 719 CAGCTCTCTGAGTAC 734  
DB 2 CAGCGCUCGAGGAC 17

RESULT 781  
US-10-156-306-1702  
; Sequence 1702, Application US/10156306  
; Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1702  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-1702

Query Match 1.6%; Score 16; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 5.7e+02;  
Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1122 CAACTCTGACTCA 1137  
DB 1 CAAACUCGACCUCA 16

RESULT 782  
US-10-156-306-2391  
; Sequence 2391, Application US/10156306  
; Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2391  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens

```
US-10-156-306-2391
Query Match          1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.7e+02;
Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY          946 AGCGTGAGTGCATG 961
      |||:||||:||||:|
Db          1 AGCGTGGAGUGCAATG 16

RESULT 783
US-10-156-306-2401
; Sequence 2401, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2401
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2401

Query Match          1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.7e+02;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY          722 CCTCTGAGTACTGG 737
      |||:||||:||||:|
Db          1 CCUCCUGAGUACUG 16

RESULT 784
US-10-156-306-2412
; Sequence 2412, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2412
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2412

Query Match          1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.7e+02;
Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY          1111 CAGGCTGCTCTCAAC 1126
      |||:||||:||||:|
Db          2 CAGGCTGCTCTCAAC 17

RESULT 785
US-10-156-306-2890
; Sequence 2890, Application US/10156306
; Publication No. US20030119017A1

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2890
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2890

Query Match          1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.7e+02;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY          392 GTGCTGGATTACAG 407
      |||:||||:||||:|
Db          1 GUCCUGGAGUACAG 16

RESULT 786
US-10-238-700-717
; Sequence 717, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 717
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-717

Query Match          1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.7e+02;
Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY          207 CAGGCTGCTCTCAAC 222
      |||:||||:||||:|
Db          2 CAGGCTGCTCTCAAC 17

RESULT 787
US-10-339-793-110/C
; Sequence 110, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 110
; LENGTH: 17
```

TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-339-793-110

Query Match 1.6%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 993 CCCGGGCTCAGCGAT 1008  
DB 17 CCCGGGCTCAGCGAT 2

RESULT 788:  
US-10-251-598-86/c  
Sequence 86, Application US/10251598  
Publication No. US20030170668A1  
GENERAL INFORMATION:  
APPLICANT: Delera-Wadleigh, Sevilla D.  
Gershon, Elliot S.  
Badner, Judith A.  
Goldin, Lynn R.  
Berrettini, Wade H.  
Yoshikawa, Takeo  
Sanders, Alan R.  
Esterling, Lisa B.  
TITLE OF INVENTION: Chromosomal Markers and Diagnostic Tests for Manic-Depressive Illness  
NUMBER OF SEQUENCES: 197  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/251,598  
FILING DATE: 19-Sep-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/091,952  
FILING DATE: 19-Apr-1999  
APPLICATION NUMBER: US 60/029,278  
FILING DATE: 28-Oct-1996  
APPLICATION NUMBER: PCT/US97/19381  
FILING DATE: 28-Oct-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Timothy L.  
REGISTRATION NUMBER: 35,367  
REFERENCE/DOCKET NUMBER: 015280-297100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 86:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1..19  
OTHER INFORMATION: D188378 forward primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 86:  
US-10-251-598-86

Query Match 1.6%; Score 16; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCGTGACCCAGGCT 650  
DB 16 CTCGTGACCCAGGCT 1

RESULT 789:  
US-10-400-382-164/c  
Sequence 164, Application US/10400382  
Publication No. US20030190659A1  
GENERAL INFORMATION:  
APPLICANT: Lacasse, Eric  
APPLICANT: McManus, Daniel  
APPLICANT: Durkin, Jonathan P.  
TITLE OF INVENTION: Antisense IAP Nucleobase Oligomers and  
FILE REFERENCE: 07891/025004  
CURRENT APPLICATION NUMBER: US/10/400,382  
CURRENT FILING DATE: 2003-03-27  
PRIOR APPLICATION NUMBER: US 60/367,853  
PRIOR FILING DATE: 2002-03-27  
NUMBER OF SEQ ID NOS: 460  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 164  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: based on Homo sapiens.  
OTHER INFORMATION: Each nucleobase may be part of a ribonucleotide,  
OTHER INFORMATION: deoxyribonucleotide, or nucleotide analog  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 8  
OTHER INFORMATION: n = T or U  
US-10-400-382-164

Query Match 1.6%; Score 16; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 535 CTCGTGCTCAGGCTCC 551  
DB 18 CTCGTGCTCAGGCTCC 2

RESULT 790:  
US-09-918-186A-234/c  
Sequence 234, Application US/09918186A  
Patent No. US20020137708A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Eric B. Swayze  
APPLICANT: Lex M. Cowart  
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
FILE REFERENCE: ISPH-0585  
CURRENT APPLICATION NUMBER: US/09/918,186A  
CURRENT FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 09/496,694  
PRIOR FILING DATE: 2000-02-02  
PRIOR APPLICATION NUMBER: 09/286,407  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 09/163,162  
PRIOR FILING DATE: 1998-09-29  
NUMBER OF SEQ ID NOS: 250  
SEQ ID NO 234  
LENGTH: 20  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-918-186A-234

Query Match 1.6%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 884 CCACCACGCCCGCTT 899  
DB 20 CCACCACGCCCGCTT 5

RESULT 791  
US-09-877-843-95  
Sequence 95, Application US/09877843  
Publication No. US20030073622A1  
GENERAL INFORMATION:  
APPLICANT: Majumder, Kumud  
APPLICANT: Spytek, Kimberly A  
APPLICANT: Tchernev, Velizar T  
APPLICANT: Colman, Steven D  
APPLICANT: Padigaru, Muraliadhara  
APPLICANT: Zernhusen, Bryan  
APPLICANT: Gusev, Vladimir  
APPLICANT: Burgess, Catherine  
APPLICANT: Li, Li  
APPLICANT: Malyankar, Uriel M  
APPLICANT: Gangoli, Esha  
APPLICANT: Stone, David  
APPLICANT: MacDougall, John  
APPLICANT: Smithson, Glenda  
APPLICANT: Elberman, Karen  
TITLE OF INVENTION: No. US20030073622A1 Proteins and Nucleic Acids Encoding Same  
FILE REFERENCE: 21402-031  
CURRENT APPLICATION NUMBER: US/09/877,843  
CURRENT FILING DATE: 2001-06-07  
PRIOR APPLICATION NUMBER: 60/209,927  
PRIOR FILING DATE: 2000-06-07  
PRIOR APPLICATION NUMBER: 60/210,091  
PRIOR FILING DATE: 2000-06-07  
PRIOR APPLICATION NUMBER: 60/209,928  
PRIOR FILING DATE: 2000-06-07  
PRIOR APPLICATION NUMBER: 60/210,208  
PRIOR FILING DATE: 2000-06-08  
PRIOR APPLICATION NUMBER: 60/210,425  
PRIOR FILING DATE: 2000-06-08  
PRIOR APPLICATION NUMBER: 60/214,150  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 60/214,023  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 60/215,005  
PRIOR FILING DATE: 2000-06-29  
PRIOR APPLICATION NUMBER: 60/270,060  
PRIOR FILING DATE: 2001-02-20  
PRIOR APPLICATION NUMBER: 60/271,623  
PRIOR FILING DATE: 2001-02-26  
PRIOR APPLICATION NUMBER: 60/278,915  
PRIOR FILING DATE: 2001-03-26  
NUMBER OF SEQ ID NOS: 97  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 95  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Ag1207 PCR  
US-09-877-843-95

Query Match 1.6%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.6e+02;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 473 GGATGAAGTGCAGTGG 488  
DB 3 GGATGAAGTGCAGTGG 18

RESULT 792  
US-10-181-316-234/C  
Sequence 234, Application US/10181316  
Publication No. US20030211607A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Eric B. Swayze  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
FILE REFERENCE: ISPH-0650  
CURRENT APPLICATION NUMBER: US/10/181,316  
CURRENT FILING DATE: 2002-07-16  
PRIOR APPLICATION NUMBER: PCT/US01/02939  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: 09/496,694  
PRIOR FILING DATE: 2000-02-02  
PRIOR APPLICATION NUMBER: 09/286,407  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 09/163,162  
PRIOR FILING DATE: 1998-09-29  
NUMBER OF SEQ ID NOS: 249  
SEQ ID NO 234  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-181-316-234

Query Match 1.6%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 884 CCACCACGCCCGCTT 899  
DB 20 CCACCACGCCCGCTT 5

RESULT 793  
US-10-181-174B-51/C  
Sequence 51, Application US/10181174B  
Publication No. US20040132674A1  
GENERAL INFORMATION:  
APPLICANT: RESKE-KUNZ, A.B.  
APPLICANT: ROSS, XIROLAN  
APPLICANT: ROSS, RALF  
APPLICANT: BROS, MATTHIAS  
TITLE OF INVENTION: A REGULATORY SEQUENCE FOR SPECIFIC EXPRESSION IN  
FILE REFERENCE: VOS-38  
CURRENT APPLICATION NUMBER: US/10/181,174B  
CURRENT FILING DATE: 2002-07-12  
PRIOR APPLICATION NUMBER: P 100 01 169.1  
PRIOR FILING DATE: 2000-01-13  
PRIOR APPLICATION NUMBER: P 100 10 188.7  
PRIOR FILING DATE: 2000-03-02  
NUMBER OF SEQ ID NOS: 72  
SOFTWARE: PatentIn Ver. 3.2  
SEQ ID NO 51  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-181-174B-51/C



US-10-181-174B-51

Query Match  
Best Local Similarity 1.6%; Score 16; DB 1; Length 20;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGCTCATCTGCA 982  
DB 17 ATCTGGCTCATCTGCA 2

RESULT 794

US-10-035-833A-2293/C  
; Sequence 2293, Application US/10035833A  
; Publication No. US2004072156A1  
; GENERAL INFORMATION:  
; APPLICANT: Nakamura, Yuhio  
; APPLICANT: Sekine, Akihito  
; APPLICANT: Iida, Aritoshi  
; APPLICANT: Saito, Osamu  
; TITLE OF INVENTION: Detection of Genetic Polymorphisms  
; FILE REFERENCE: FORS-06904  
; CURRENT APPLICATION NUMBER: US/10/035,833A  
; CURRENT FILING DATE: 2001-12-27  
; NUMBER OF SEQ ID NOS: 7669  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 2293  
; LENGTH: 41  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-035-833A-2293

Query Match  
Best Local Similarity 1.6%; Score 16; DB 1; Length 41;  
Matches 22; Conservative 1; Mismatches 11; Indels 0; Gaps 0;

QY 619 TGAGACAGAGTCTCACTCTGTCAACCCAGGCTGG 652  
DB 35 TGAGCCAAAGATCTCCACACTGCAGTCCAGCCTGG 2

RESULT 795  
US-09-917-138-1  
; Sequence 1, Application US/09917138  
; Patent No. US20020031776A1  
; GENERAL INFORMATION:  
; APPLICANT: TULLIS, Richard  
; APPLICANT: STEIFEL, Jerome  
; TITLE OF INVENTION: ENZYMATIC LABELLING AND DETECTION OF DNA  
; FILE REFERENCE: 24730-2207B  
; CURRENT APPLICATION NUMBER: US/09/917,138  
; CURRENT FILING DATE: 2001-07-26  
; PRIOR APPLICATION NUMBER: 09/580,358  
; PRIOR FILING DATE: 2000-05-25  
; PRIOR APPLICATION NUMBER: 60/136,545  
; PRIOR FILING DATE: 1999-05-28  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide Primer  
; NAME/KEY: modified\_base  
; LOCATION: (1)  
; OTHER INFORMATION: Biotinylation at the 5' end  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: Combined DNA/RNA  
US-09-917-138-1

Query Match  
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;  
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 796

US-09-918-686-92/C  
; Sequence 92, Application US/09918686  
; Patent No. US20020076720A1  
; GENERAL INFORMATION:  
; APPLICANT: Brunkow, Mary  
; APPLICANT: Proll, Sean  
; APPLICANT: Paepel, Bryan  
; APPLICANT: Staehling-Hampton, Karen  
; TITLE OF INVENTION: METHODS FOR IDENTIFYING  
; FILE REFERENCE: 240083.515  
; CURRENT APPLICATION NUMBER: US/09/918,686  
; CURRENT FILING DATE: 2001-07-30  
; NUMBER OF SEQ ID NOS: 105  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 92  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-09-918-686-92

Query Match  
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1056 CCACACCCCGCAATTTT 1074  
DB 19 CCACACCCCGCAATTTT 1

RESULT 797  
US-09-901-484A-515  
; Sequence 515, Application US/09901484A  
; Patent No. US20020119460A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; APPLICANT: Bougueleret, Lydie  
; TITLE OF INVENTION: Prostate Cancer Gene  
; FILE REFERENCE: GEN-711XC3D2  
; CURRENT APPLICATION NUMBER: US/09/901,484A  
; CURRENT FILING DATE: 2001-07-09  
; PRIOR APPLICATION NUMBER: US 08/996,306  
; PRIOR FILING DATE: 1997-12-22  
; PRIOR APPLICATION NUMBER: US 60/099,658  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: US 09/218,207  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: US 09/338,907  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: US 09/853,526  
; PRIOR FILING DATE: 2001-05-11  
; NUMBER OF SEQ ID NOS: 578  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 515  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature

```
LOCATION: (1)..(19)
OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-901-484A-515

Query Match
Best Local Similarity 89.5%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 798
US-09-853-526-515
Sequence 515, Application US/09853526
Patent No. US20020165345A1
GENERAL INFORMATION:
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CPICP
CURRENT APPLICATION NUMBER: US/09/853,526
CURRENT FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: 09/338,907
PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 08/996,306
PRIOR FILING DATE: 1997-12-22
PRIOR APPLICATION NUMBER: 60/099,658
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 09/218,207
PRIOR FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 515
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-853-526-515

Query Match
Best Local Similarity 89.5%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 799
US-09-881-012-229/C
Sequence 229, Application US/09881012
Publication No. US20020192655A1
GENERAL INFORMATION:
APPLICANT: Gims, Edward I.
APPLICANT: Egeland, Janice A.
APPLICANT: Paul, Steven M.
APPLICANT: The Government of the United States of America
APPLICANT: as represented by The Secretary of the
APPLICANT: Department of Health and Human Services
TITLE OF INVENTION: Susceptibility and Resistance Genes for
TITLE OF INVENTION: Bipolar Affective Disorder
FILE REFERENCE: 015280-248110US
CURRENT APPLICATION NUMBER: US/09/881,012
CURRENT FILING DATE: 2001-06-13
PRIOR APPLICATION NUMBER: US/09/175,158
PRIOR FILING DATE: 1998-10-19
```

```
PRIOR APPLICATION NUMBER: US 60/062,924
PRIOR FILING DATE: 1997-10-20
NUMBER OF SEQ ID NOS: 240
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 229
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: UT1585 primer
US-09-881-012-229

Query Match
Best Local Similarity 89.5%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 640 TCACCCAGGCTGAGTGCA 658
DB 19 TCACCCAGGCTGAGTGCA 1

RESULT 800
US-09-970-971A-15
Sequence 15, Application US/09970971A
Publication No. US20030096979A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
APPLICANT: Cook, Phillip Dan
APPLICANT: Kawasaki, Andrew M.
TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational G
FILE REFERENCE: ISIS4789
CURRENT APPLICATION NUMBER: US/09/970,971A
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. US20030096979A1el Sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: (16)-(19)
OTHER INFORMATION: 3'-O-MOE
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)-(19)
OTHER INFORMATION: P=O
US-09-970-971A-15

Query Match
Best Local Similarity 89.5%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 801
US-09-970-971A-16
Sequence 16, Application US/09970971A
Publication No. US20030096979A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
APPLICANT: Cook, Phillip Dan
APPLICANT: Kawasaki, Andrew M.
TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational G
FILE REFERENCE: ISIS4789
CURRENT APPLICATION NUMBER: US/09/970,971A
```

```
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1el Sequence
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 3'-O-MOE
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: P=O
US-09-970-971A-16
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 6.5e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 802
US-09-970-971A-26
; Sequence 26, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkataraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational C
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1el Sequence
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-09-970-971A-26
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 803
US-09-306-333A-9
; Sequence 9, Application US/09306333A
; Publication No. US20030152918A1
; GENERAL INFORMATION:
; APPLICANT: Academy of Applied Science
; TITLE OF INVENTION: BRCA1 and hMLH1 Gene Primer Sequences and Method for
; TITLE OF INVENTION: Testing
; FILE REFERENCE: BRCA1
```

```
; CURRENT APPLICATION NUMBER: US/09/306,333A
; CURRENT FILING DATE: 1999-05-06
; PRIOR APPLICATION NUMBER: PCT/IB00/01607
; PRIOR FILING DATE: 2000-11-06
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-306-333A-9
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 433 TTTTATTTTATTTT 451
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 804
US-10-208-357-25/c
; Sequence 25, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurtz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-25
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 19 TTTTATTTTATTTT 1
```

```
RESULT 805
US-10-123-597-1
; Sequence 1, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
```

```

; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-aminooxyethoxy
US-10-123-597-1

Query Match
Best Local Similarity 89.5%; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 806
US-10-123-597-2
; Sequence 2, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-10-123-597-2

Query Match
Best Local Similarity 89.5%; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 807
US-10-123-597-3
; Sequence 3, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
```

```

; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
US-10-123-597-3

Query Match
Best Local Similarity 89.5%; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 808
US-10-123-597-4
; Sequence 4, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-10-123-597-4

Query Match
Best Local Similarity 89.5%; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 809
US-10-123-597-5
; Sequence 5, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
```

FILE REFERENCE: ISIS040  
CURRENT APPLICATION NUMBER: US/10/123,597  
CURRENT FILING DATE: 2002-07-10  
PRIOR APPLICATION NUMBER: 09/227,782  
PRIOR FILING DATE: 1999-01-08  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy  
US-10-123-597-5

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 6.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445  
Db 1 TTTTATTTTATTTT 19

RESULT 810  
US-10-123-597-6  
Sequence 6, Application US/10123597  
Publication No. US20030078415A1

GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Kawasaki, Andrew M  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Prakash, Thazha P  
APPLICANT: Fraser, Allister S  
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
FILE REFERENCE: ISIS040  
CURRENT APPLICATION NUMBER: US/10/123,597  
CURRENT FILING DATE: 2002-07-10  
PRIOR APPLICATION NUMBER: 09/227,782  
PRIOR FILING DATE: 1999-01-08  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 6  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 5-methyl-2'-O-propyl  
US-10-123-597-6

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 6.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445  
Db 1 TTTTATTTTATTTT 19

RESULT 811  
US-10-123-597-7  
Sequence 7, Application US/10123597  
Publication No. US20030078415A1

GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Kawasaki, Andrew M  
APPLICANT: Manoharan, Muthiah

APPLICANT: Prakash, Thazha P  
APPLICANT: Fraser, Allister S  
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
FILE REFERENCE: ISIS040  
CURRENT APPLICATION NUMBER: US/10/123,597  
CURRENT FILING DATE: 2002-07-10  
PRIOR APPLICATION NUMBER: 09/227,782  
PRIOR FILING DATE: 1999-01-08  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 7  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct  
NAME/KEY: misc\_feature  
LOCATION: (18)..(18)  
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy  
US-10-123-597-7

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 6.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445  
Db 1 TTTTATTTTATTTT 19

RESULT 812  
US-10-123-597-8  
Sequence 8, Application US/10123597  
Publication No. US20030078415A1

GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Kawasaki, Andrew M  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Prakash, Thazha P  
APPLICANT: Fraser, Allister S  
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
FILE REFERENCE: ISIS040  
CURRENT APPLICATION NUMBER: US/10/123,597  
CURRENT FILING DATE: 2002-07-10  
PRIOR APPLICATION NUMBER: 09/227,782  
PRIOR FILING DATE: 1999-01-08  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 8  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct  
NAME/KEY: misc\_feature  
LOCATION: (18)..(18)  
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy  
US-10-123-597-8

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 6.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445  
Db 1 TTTTATTTTATTTT 19

RESULT 813  
US-10-123-597-12  
Sequence 12, Application US/10123597  
Publication No. US20030078415A1

GENERAL INFORMATION:

```

; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-12
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

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QY      427 TTTTATTTTATTTT 445
          ||||| ||||| ||||| |||||
          1 TTTTATTTTATTTT 19
```

```

RESULT 814
US-10-123-597-14
; Sequence 14, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-14
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```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      427 TTTTATTTTATTTT 445
          ||||| ||||| ||||| |||||
          1 TTTTATTTTATTTT 19
```

```

RESULT 815
US-10-123-597-15
```

```

; Sequence 15, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-15
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      427 TTTTATTTTATTTT 445
          ||||| ||||| ||||| |||||
          1 TTTTATTTTATTTT 19
```

```

RESULT 816
US-10-123-597-25
; Sequence 25, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methylaminoxyethoxy
US-10-123-597-25
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      427 TTTTATTTTATTTT 445
          ||||| ||||| ||||| |||||
          1 TTTTATTTTATTTT 19
```

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RESULT 817
US-10-100-321-24/c
; Sequence 24, Application US/10100321
; Publication No. US20030087251A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; FILE REFERENCE: 49269200500
; CURRENT APPLICATION NUMBER: US/10/100,321
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-100-321-24

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445
Db 19 TTTTATTTTATTTT 1

RESULT 818
US-10-232-881-1
; Sequence 1, Application US/10232881
; Publication No. US2003008088A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulinga
; APPLICANT: Manoharan, Muthia
; APPLICANT: Capaldi, Daniel
; APPLICANT: Krotz, Achim
; APPLICANT: Cole, Douglas
; APPLICANT: Guzaev, Andrei
; TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric
; FILE REFERENCE: ISIS3380
; CURRENT APPLICATION NUMBER: US/10/232,881
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US/09/288,679
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/118,564
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: No. US2003008088A1 Sequence
US-10-232-881-1

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 819
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```
US-10-247-893-3
; Sequence 3, Application US/10247893
; Publication No. US20030092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkataran
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: 1818-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: T*=2'-O-[-(guanidinium)ethyl]
US-10-247-893-3

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 820
US-10-247-893-7
; Sequence 7, Application US/10247893
; Publication No. US20030092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkataran
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: 1818-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[-(guanidinium)ethyl]
US-10-247-893-7

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      427 TTTTATTTATTTT 445
      ||||| ||||| |||||
Db      1 TTTTATTTT 19

RESULT 821
US-10-247-893-13
; Sequence 13, Application US/10247893
; Publication No. US2003092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-13

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTATTTT 445
      ||||| ||||| |||||
Db      1 TTTTATTTT 19

RESULT 822
US-10-098-816-15
; Sequence 15, Application US/10098816
; Publication No. US2003010531A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2' - O-MOE linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 2' - O-MOE linkage
US-10-098-816-16

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 6.5e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTATTTT 445
      ||||| ||||| |||||
Db      1 TTTTATTTT 19

RESULT 824
US-10-098-816-17
; Sequence 17, Application US/10098816
; Publication No. US2003010531A1
```

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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-10-098-816-15

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTATTTT 445
      ||||| ||||| |||||
Db      1 TTTTATTTT 19

RESULT 823
US-10-098-816-16
; Sequence 16, Application US/10098816
; Publication No. US2003010531A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE linkage
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE linkage
US-10-098-816-16

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 6.5e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTATTTT 445
      ||||| ||||| |||||
Db      1 TTTTATTTT 19

RESULT 824
US-10-098-816-17
; Sequence 17, Application US/10098816
; Publication No. US2003010531A1
```



```

; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; TITLE OF INVENTION: Confirmation Geometry
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
; US-10-098-816-17

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 825
US-10-098-816-18
; Sequence 18, Application US/10098816
; Publication No. US20030105311A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; TITLE OF INVENTION: Confirmation Geometry
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
```

```

; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2' - O-MOE
; US-10-098-816-18

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 6.5e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 826
US-10-098-816-26
; Sequence 26, Application US/10098816
; Publication No. US20030105311A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; TITLE OF INVENTION: Confirmation Geometry
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-modified T linkage
; US-10-098-816-26

Query Match          1.6%; Score 15.8; DB 1; Length 19;
```

Best Local Similarity 89.5%; Pred. No. 6.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTATTTT 445  
Db 1 TTTTATTTATTTT 19

RESULT 827  
US-10-002-623-770  
; Sequence 770, Application US/10002623  
; Publication No. US2003014285A1  
; GENERAL INFORMATION:  
; APPLICANT: OEPNER, PETER J.  
; APPLICANT: UNDERHILL, PETER A.  
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC  
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN  
; FILE REFERENCE: STAN-212  
; CURRENT APPLICATION NUMBER: US/10/002,623  
; CURRENT FILING DATE: 2001-11-01  
; PRIOR APPLICATION NUMBER: US 60/245,355  
; PRIOR FILING DATE: 2000-11-01  
; NUMBER OF SEQ ID NOS: 952  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 770  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
US-10-002-623-770

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 6.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1056 CCACACCCGCTAATTTT 1074  
Db 1 CCACACCCGCTAATTTT 19

RESULT 828  
US-10-322-242-1  
; Sequence 1, Application US/10322242  
; Publication No. US20030139586A1  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Maser, Martin  
; APPLICANT: An, Haoyun  
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compound  
; FILE REFERENCE: ISIS-3312  
; CURRENT APPLICATION NUMBER: US/10/322,242  
; CURRENT FILING DATE: 2002-12-18  
; PRIOR APPLICATION NUMBER: US/09/349,033  
; PRIOR FILING DATE: 1999-07-07  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence  
US-10-322-242-1

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 6.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTATTTT 445  
Db 1 TTTTATTTATTTT 19

RESULT 829  
US-10-353-150-92/c  
; Sequence 92, Application US/10353150  
; Publication No. US20030157543A1  
; GENERAL INFORMATION:  
; APPLICANT: Brunkow, Mary E.  
; APPLICANT: Prohl, Sean  
; APPLICANT: Paepel, Bryan  
; APPLICANT: Staehling-Hampton, Karen  
; TITLE OF INVENTION: METHODS FOR IDENTIFYING  
; TITLE OF INVENTION: GENOMIC DELETIONS  
; FILE REFERENCE: 240083.515C1  
; CURRENT APPLICATION NUMBER: US/10/353,150  
; CURRENT FILING DATE: 2003-01-27  
; NUMBER OF SEQ ID NOS: 105  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 92  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-10-353-150-92

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 6.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1056 CCACACCCGCTAATTTT 1074  
Db 19 CCACACCCGCTAATTTT 1

RESULT 830  
US-10-371-600-14/c  
; Sequence 14, Application US/10371600  
; Publication No. US20030180776A1  
; GENERAL INFORMATION:  
; APPLICANT: WU, MING  
; APPLICANT: ULLMAN, EDWIN F.  
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION  
; FILE REFERENCE: 3817.10-2  
; CURRENT APPLICATION NUMBER: US/10/371,600  
; CURRENT FILING DATE: 2003-05-19  
; PRIOR APPLICATION NUMBER: 60/359,223  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: 60/379,360  
; PRIOR FILING DATE: 2002-05-08  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-371-600-14

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 6.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTATTTT 445  
Db 19 TTTTATTTATTTT 1

RESULT 831  
US-10-331-907-157/c  
; Sequence 157, Application US/10331907  
; Publication No. US20030181660A1

```

GENERAL INFORMATION:
APPLICANT: Todd, John A
             Hess, John W
             Caskey, Charles T
             Cox, Roger D
             Gerhold, David
             Hammond, Holly
             Hey, Patricia
             Kawaguchi, Yoshiniko
             Merriman, Tony R
             Metzker, Michael L
TITLE OF INVENTION: No. US20030181660A1el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSER: Nixon and Vanderhye
STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/331,907
FILING DATE: 31-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-Apr-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-Apr-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4100
TELEFAX: (703) 816-4091
INFORMATION FOR SEQ ID NO: 157:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 157:
US-10-331-907-157

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      993 CCGCGGCTCAAGCATTTCT 1011
DB      19 CCGGCTTCAAGCATTTCT 1

RESULT 832
US-10-331-907-242/c
Sequence 242, Application US/10331907
Publication No. US20030181660A1
GENERAL INFORMATION:
APPLICANT: Todd, John A
             Hess, John W
             Caskey, Charles T
             Cox, Roger D
             Gerhold, David
             Hammond, Holly

```

```

             Hey, Patricia
             Kawaguchi, Yoshiniko
             Merriman, Tony R
             Metzker, Michael L
TITLE OF INVENTION: No. US20030181660A1el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSER: Nixon and Vanderhye
STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/331,907
FILING DATE: 31-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-Apr-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-Apr-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4100
TELEFAX: (703) 816-4091
INFORMATION FOR SEQ ID NO: 242:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 242:
US-10-331-907-242

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      751 CACCAGCGCTAGCTAATTT 769
DB      19 CACCATGCTGGCTAATTT 1

RESULT 833
US-10-091-281-242/c
Sequence 242, Application US/10091281
Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
             SI, ERWIN
             MORISSETTE, JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: Patent Ver. 2.1
SEQ ID NO 242
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens

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FEATURE:
OTHER INFORMATION: Putative TANT/TANTIGEN.01 motif
US-10-091-281-242

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 370 CCACCTGCTCCTCAGCTCCC 388
DB 19 CCACCTGCTCCTCAGCTCCC 1

RESULT 834
US-10-170-172-16
Sequence 16, Application US/10170172
Publication No. US20030190632A1
GENERAL INFORMATION:
APPLICANT: SOSNOMSKI, RONALD G
APPLICANT: BUTLER, WILLIAM F
APPLICANT: TU, EUGENE
APPLICANT: NERENBERG, MICHAEL I
APPLICANT: HELLER, MICHAEL J
APPLICANT: EWMAN, CARL F
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC
TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,
TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL
FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194
CURRENT FILING DATE: 2002-06-11
PRIOR APPLICATION NUMBER: US/10/170,172
PRIOR FILING DATE: 1997-12-05
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 16
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Amino
OTHER INFORMATION: conjugate to provide reactivity with dyes
US-10-170-172-16

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTATTTT 445
DB 1 TTTTATTTATTTATTTT 19

RESULT 835
US-10-331-109-33
Sequence 33, Application US/10311109
Publication No. US20030215891A1
GENERAL INFORMATION:
APPLICANT: Bickel, et al.
TITLE OF INVENTION: Method for the qualitative and/or quantitative detection of mole
TITLE OF INVENTION: Interactions on probe arrays
FILE REFERENCE: 12671/1
CURRENT APPLICATION NUMBER: US/10/331,109
CURRENT FILING DATE: 2002-12-27
PRIOR APPLICATION NUMBER: PCT/EP01/07575
PRIOR FILING DATE: 2001-07-02
PRIOR APPLICATION NUMBER: DE 100 33 334.6
PRIOR FILING DATE: 2000-07-01
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 33
LENGTH: 19
TYPE: DNA

ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Description of the artificial sequence:
OTHER INFORMATION: Oligonucleotide probe
US-10-331-109-33

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTATTTT 445
DB 1 TTTTATTTATTTATTTT 19

RESULT 836
US-10-359-328-5
Sequence 5, Application US/10359328
Publication No. US20040009938A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-5140
CURRENT APPLICATION NUMBER: US/10/359,328
CURRENT FILING DATE: 2003-02-06
PRIOR APPLICATION NUMBER: US 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR APPLICATION NUMBER: US 09/130,566
PRIOR FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patentin version 3.2
SEQ ID NO 5
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-modified T
US-10-359-328-5

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTATTTT 445
DB 1 TTTTATTTATTTATTTT 19

RESULT 837
US-10-359-328-26
Sequence 26, Application US/10359328
Publication No. US20040009938A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-5140
CURRENT APPLICATION NUMBER: US/10/359,328
CURRENT FILING DATE: 2003-02-06
PRIOR APPLICATION NUMBER: US 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR APPLICATION NUMBER: US 09/130,566
PRIOR FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patentin version 3.2
SEQ ID NO 26
LENGTH: 19
TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)-(19)
; OTHER INFORMATION: 2'-O-(2'-N,N-dimethylaminoethyl)oxyethyl]-
; OTHER INFORMATION: Sub-T)
US-10-359-328-26

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY          427 TTTTATTTTATTTT 445
Db          1 TTTTATTTTATTTT 19

RESULT 838
US-10-457-839-29/c
; Sequence 29, Application US/10457839
; Publication No. US2004001415A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pines, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457, 839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-29

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY          671 TGGCTCACTGCACTCTG 689
Db          19 TGGCTCACTGAACTCTG 1

RESULT 839
US-10-236-417-244/c
; Sequence 244, Application US/10236417
; Publication No. US20040048256A1
; GENERAL INFORMATION:
; APPLICANT: Agae et al
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442C
; CURRENT APPLICATION NUMBER: US/10/236, 417
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-01
; PRIOR APPLICATION NUMBER: US60/318,430
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US60/322,781
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/318,184
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/361,663
```

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; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US60/396,412
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US60/322,636
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,817
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,816
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/323,519
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom
; SEQ ID NO 244
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-236-417-244

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY          653 AGTCACTGGCGCAATCTT 671
Db          19 AGTCACTGGCGCAATCTT 1

RESULT 840
US-10-387-346B-154
; Sequence 154, Application US/10387346B
; Publication No. US20040117869A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongmei
; TITLE OF INVENTION: Cloning of Cytochrome P450 Genes from
; FILE REFERENCE: 78623
; CURRENT APPLICATION NUMBER: US/10/387,346B
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: 10/293,252
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 10/340,861
; PRIOR FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PasteSeq for Windows Version 3.0
; SEQ ID NO 154
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Nicotiana
US-10-387-346B-154

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY          427 TTTTATTTTATTTT 445
Db          1 TTTTATTTTATTTT 19

RESULT 841
US-10-035-833A-3699/c
; Sequence 3699, Application US/10035833A
; Publication No. US20040072156A1
```

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; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3699
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-3699

Query Match          1.6%; Score 15.6; DB 1; Length 41;
Best Local Similarity 61.8%; Pred. No. 9.5e+02;
Matches 21; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

QY      619 TGAGACGAGCTCTCAACTGTGTCACCCAGGCTGG 652
Db      35 TGAGCCAAAGATCTCCCAATGAGTCCAGCTCG 2

RESULT 842
US-10-156-306-544
; Sequence 544, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 544
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-544

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      701 CAAGTATTCTCTGCC 717
Db      1 CAAGUGAUCUCUCGCC 17

RESULT 843
US-10-156-306-548
; Sequence 548, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 548
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
```

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US-10-156-306-548

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.2e+02;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      717 CCCAGCTCCGAGTAG 733
Db      1 CUCAGCCUCCUGAGUG 17

RESULT 844
US-10-156-306-1651
; Sequence 1651, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1651
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1651

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      936 TCGTATCCCGAGCTGG 952
Db      1 UCUGUGCCCGAGCTUG 17

RESULT 845
US-10-156-306-1652
; Sequence 1652, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1652
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1652

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      937 CCGTACCCAGGCTGGA 953
Db      1 CUGUGCCCGAGCTUGA 17

RESULT 846
US-10-156-306-1653
; Sequence 1653, Application US/10156306
; Publication No. US20030119017A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1653
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1653

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      938 TGTACCAGGCTGAG 954
      ::::|||||:
Db      1 UGUUGCCAGGCTUGAG 17

RESULT 847
US-10-156-306-1661
; Sequence 1661, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1661
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1661

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      671 TGCTCACTGCACCTC 687
      :|||||:
Db      1 UGGCUCACUGCACTUC 17

RESULT 848
US-10-156-306-1662
; Sequence 1662, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1662
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1662
```

```
Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      674 CTCACGCAACTCTGCG 690
      ||:|||||:
Db      1 CUCACUCGACACUUCG 17

RESULT 849
US-10-156-306-1663
; Sequence 1663, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1663
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1663

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      677 ACTGCAACTCTGCTGC 693
      ||:|||||:
Db      1 ACUGCAACUUCUGCCUC 17

RESULT 850
US-10-156-306-1671
; Sequence 1671, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1671
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1671

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      1006 GATTCCTCTCTCAGC 1022
      ||:|||||:
Db      1 GAUUCUCUCGCTCAGC 17

RESULT 851
US-10-156-306-1674
; Sequence 1674, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
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; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1674
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1674

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 712 CCTGCCCGAGCTCTCTG 728
DB 1 CCTGCCCGAGCTCTCTG 17

RESULT 852
US-10-156-306-1675
; Sequence 1675, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1675
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1675

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 715 GCCCGAGCTCTCTGAGT 731
DB 1 GCCCGAGCTCTCTGAGT 17

RESULT 853
US-10-156-306-1676
; Sequence 1676, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1676
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1676
```

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Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 716 CCCGAGCTCTCTGAGTA 732
DB 1 CCCGAGCTCTCTGAGTA 17

RESULT 854
US-10-156-306-1695
; Sequence 1695, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1695
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1695

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 199 ATGTGTCAGGCTGTGT 215
DB 1 ATGTGTCAGGCTGTGT 17

RESULT 855
US-10-156-306-1696
; Sequence 1696, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1696
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1696

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 200 TGTGTGTCAGGCTGTGC 216
DB 1 TGTGTGTCAGGCTGTGC 17

RESULT 856
US-10-156-306-1710
; Sequence 1710, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
```



APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
FILE REFERENCE: MHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1710  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-1710

Query Match 1.6%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.2e+02;  
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 370 CCACCTGCTCAGCTC 386  
DB 1 CCACCTGCTCAGCTC 17

RESULT 857  
US-10-156-306-1711  
Sequence 1711, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
FILE REFERENCE: MHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1711  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-1711

Query Match 1.6%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.2e+02;  
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 371 CACCTGCTCAGCTCC 387  
DB 1 CACCTGCTCAGCTCC 17

RESULT 858  
US-10-156-306-2390  
Sequence 2390, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
FILE REFERENCE: MHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2390  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-2390

Query Match 1.6%; Score 15.4; DB 1; Length 17;

Best Local Similarity 70.6%; Pred. No. 6.2e+02;  
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 940 TTACCAGGCTGAGTG 956  
DB 1 TTACCAGGCTGAGTG 17

RESULT 859  
US-10-156-306-2394  
Sequence 2394, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
FILE REFERENCE: MHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2394  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-2394

Query Match 1.6%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 6.2e+02;  
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 665 CAATCTGCTCACTGC 681  
DB 1 CAATCTGCTCACTGC 17

RESULT 860  
US-10-156-306-2395  
Sequence 2395, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
FILE REFERENCE: MHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2395  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-2395

Query Match 1.6%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 6.2e+02;  
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 672 GGCTCACTGCACTCT 688  
DB 1 GGCTCACTGCACTCT 17

RESULT 861  
US-10-156-306-2398  
Sequence 2398, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
US-10-156-306-2398

```

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2398
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2398

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 10; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 696 GGGTCAAGTATTCTC 712
DB 1 GGGGUCAGUGAUUUC 17

RESULT 862
US-10-156-306-2399
; Sequence 2399, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2399
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2399

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 532 ATCCTCTGCTCAGCC 548
DB 1 AUUCUCUCCUCUAGCC 17

RESULT 863
US-10-156-306-2400
; Sequence 2400, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2400
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2400

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 197 CCATGTTGTCAGGCTG 213
DB 1 CCAUGUGGCGAGGCTG 17

RESULT 866
US-10-156-306-2411
; Sequence 2411, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2410
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2410

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 795 TTCACCATGTTGCCAG 811
DB 1 UUCACCAUGUGGCGAG 17

RESULT 865
US-10-156-306-2410
; Sequence 2410, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2410
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2410

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 713 CTGCCCCAGCTCTCTGA 729
DB 1 CTGCCCCAGCTCTCTGA 17

RESULT 864
US-10-156-306-2409
; Sequence 2409, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2409
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2409

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 713 CTGCCCCAGCTCTCTGA 729
DB 1 CTGCCCCAGCTCTCTGA 17
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; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2411
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2411

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      202 TTGTCAGAGCTGTCTC 218
Db      1 UUGGCCAGGCGUCGUC 17

RESULT 867
US-10-156-306-2880
; Sequence 2880, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2880
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2880

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      675 TCACCTGCAACCTGTGCC 691
Db      1 UCACUGCAACUCUGCC 17

RESULT 868
US-10-156-306-2881
; Sequence 2881, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2881
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2881

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.2e+02;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      698 GTTCAAGTATTCCTG 715
Db      1 GUUCAGGAGUUCUCCU 17

RESULT 869
US-10-156-306-3776
; Sequence 3776, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3776
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3776

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      939 GTTACCCAGGCTGAGT 955
Db      1 GUUGCCAGGCGUCGAGU 17

RESULT 870
US-10-156-306-3783
; Sequence 3783, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3783
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3783

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.2e+02;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      698 GTTCAAGTATTCCTG 714
Db      1 GUUCAGGAGUUCUCCU 17

RESULT 871
US-10-156-306-3792
; Sequence 3792, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
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; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2411
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2411

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      202 TTGTCAGAGCTGTCTC 218
Db      1 UUGGCCAGGCGUCGUC 17

RESULT 867
US-10-156-306-2880
; Sequence 2880, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2880
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2880

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      675 TCACCTGCAACCTGTGCC 691
Db      1 UCACUGCAACUCUGCC 17

RESULT 868
US-10-156-306-2881
; Sequence 2881, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2881
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2881

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.2e+02;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      698 GTTCAAGTATTCCTG 715
Db      1 GUUCAGGAGUUCUCCU 17

RESULT 869
US-10-156-306-3776
; Sequence 3776, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3776
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3776

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      939 GTTACCCAGGCTGAGT 955
Db      1 GUUGCCAGGCGUCGAGU 17

RESULT 870
US-10-156-306-3783
; Sequence 3783, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3783
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3783

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.2e+02;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      698 GTTCAAGTATTCCTG 714
Db      1 GUUCAGGAGUUCUCCU 17

RESULT 871
US-10-156-306-3792
; Sequence 3792, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
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FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3792
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3792

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 201 GTTGTCAGGCTGCTCT 217
Db 1 GUUGGCCAGGCTUGGUCU 17

RESULT 872
US-10-156-306-3793
; Sequence 3793, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3793
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3793

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1109 GTCAGGCTGCTCTCAA 1125
Db 1 GCCAGGCTGCTCTCAA 17

RESULT 873
US-10-156-306-3794
; Sequence 3794, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3794
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3794

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1123 AAACCTGAGCTCAGG 1139
Db 1 AAACCTGAGCTCAGG 17

RESULT 874
US-10-238-700-678
; Sequence 678, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-678

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 640 TCACCCAGGCTGAGTG 656
Db 1 UCACCCAGGCTGGAUG 17

RESULT 875
US-10-238-700-679
; Sequence 679, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 679
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-679

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 646 AGGCTGAGTGCAGTGG 662
Db 1 AGGCTGAGTGCAGTGG 17

RESULT 876
US-10-238-700-680
; Sequence 680, Application US/10238700
; Publication No. US20030153521A1
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; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 680
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-680

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.2e+02;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Oy      648 GCTGAGTGACGAGCG 664
Db      1 GCTGGAAGCAGUGGCG 17

RESULT 877
US-10-238-700-686
; Sequence 686, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 686
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-686

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.2e+02;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Oy      969 CTCGCTCCTGCTGCAAC 985
Db      1 CTCAGCTCAGCAGCAAC 17

RESULT 878
US-10-238-700-687
; Sequence 687, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29

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; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 687
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-687

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Oy      498 AGCTACTGACGCTTC 514
Db      1 AGCTCAGCAGCAACCTTC 17

RESULT 879
US-10-238-700-697
; Sequence 697, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 697
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-697

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Oy      725 CCTGAGTGTGCTGACT 741
Db      1 CCTGAGTGTGCTGACT 741

RESULT 880
US-10-238-700-698
; Sequence 698, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 698
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-698

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Query Match 1.6%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.2e+02;  
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 731 TAGCTGACTAGGC 747  
:|||||:|||||  
Db 1 UAGCUGGAGUACAGGC 17

RESULT 881  
US-10-238-700-709  
; Sequence 709, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc..  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MBHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 709  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-709

Query Match 1.6%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 29.4%; Pred. No. 6.2e+02;  
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 1067 TAAATTTTGTATTTTCA 1083  
:|||||:|||||  
Db 1 UAAUUUUUGUAAUUUUA 17

RESULT 882  
US-10-238-700-716  
; Sequence 716, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc..  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MBHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 716  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-716

Query Match 1.6%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 6.2e+02;  
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 202 TTGCTCAGCTGCTCTC 218  
:|||||:|||||:|||||  
Db 1 UUGCCAGGCGUGGUCUC 17

RESULT 883  
US-10-238-700-718  
; Sequence 718, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc..  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MBHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 718  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-718

Query Match 1.6%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.2e+02;  
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 213 GGTCTGCACTCCGAC 229  
:|||||:|||||  
Db 1 GGUCUCGACUCUCUAC 17

RESULT 884  
US-10-238-700-3276/c  
; Sequence 3276, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc..  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MBHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3276  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-3276

Query Match 1.6%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 6.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 831 CCTTGATCTGCTGC 847  
:|||||:|||||:|||||  
Db 17 CCTTATGATCTGCTGC 1

RESULT 885  
US-10-339-782-318/c  
; Sequence 318, Application US/10339782  
; Publication No. US20030166026A1  
; GENERAL INFORMATION:  
; APPLICANT: Lynx Therapeutics, Inc..  
; APPLICANT: Goodman, Laurie J  
; APPLICANT: Bowen, Benjamin A

```
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 318
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-318

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      224 CCCGACCTCAGATGATC 240
Db      17 CCCGACCTCAGATGATC 1

RESULT 886
US-10-339-782-320/c
; Sequence 320, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 320
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-320

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      479 AGTCAGTGTGTGATC 495
Db      17 AGTCAGTGTGTGATC 1

RESULT 887
US-10-339-782-424/c
; Sequence 424, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 424
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-424

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      653 AGTCAGTGGCGCATC 669
Db      17 AGTCAGTGGCGCATC 1

RESULT 888
US-10-339-793-16/c
; Sequence 16, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-16

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      479 AGTCAGTGTGTGATC 495
Db      17 AGTCAGTGTGTGATC 1

RESULT 889
US-10-091-281-126
; Sequence 126, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587,338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 126
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURES:
; OTHER INFORMATION: Putative HNF1/HNF1.02 motif
US-10-091-281-126

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      589 GGCTAATTTTATTTT 605
Db      1 GGCTAATTTTATTTT 17

RESULT 890
US-10-091-281-130/c
; Sequence 130, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
```

```
APPLICANT: MORISETTE, JEAN
TITLE OF INVENTION: OPTINEBRIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091,281
NUMBER OF SEQ ID NOS: 463
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 130
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Putative MEF2/RSRRC4.02 motif
US-10-091-281-130

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      770 TTTTGTATTTTGTAGT 786
DB      17 TTTTATATTTTAGTAG 1

RESULT 891
US-10-282-174-170/c
Sequence 170, Application US/10282174
Publication No. US20030224380A1
GENERAL INFORMATION:
APPLICANT: Becker, Kenneth David
APPLICANT: Veliceljevi, Gornul
APPLICANT: Elliott, Kathryn J.
APPLICANT: Wang, Xin
APPLICANT: Tanzi, Rudolph E.
APPLICANT: Sanders, Aleister J.
APPLICANT: Mullin, Kristina M.
APPLICANT: Sampson, Andrew Johnson
APPLICANT: Blacker, Deborah Lyne
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
FILE REFERENCE: 37481-3308
CURRENT APPLICATION NUMBER: US/10/282,174
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: US 60/339,525
PRIOR FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 60/338,010
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/336,929
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/338,363
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: US 60/337,052
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 60/368,919
PRIOR FILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 564
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 170
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-282-174-170

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      646 AGGCTGAGTGCAGTGG 662
DB      17 TTTTATATTTTAGTAG 1
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DB      17 AGGCTGAGTGCAGTGG 1

RESULT 892
US-09-863-806-142/c
Sequence 142, Application US/09863806
Publication No. US20020197608A1
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: DETECTION OF NEOPLASIA BY ANALYSIS OF SALIVA
NUMBER OF SEQUENCES: 195
CORRESPONDENCE ADDRESS:
ADDRESSER: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/863,806
FILING DATE: 22-May-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/038,637
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Hallie, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 142:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 142:
US-09-863-806-142

Query Match      1.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1120 CTCGAACCTCTGACCTC 1136
DB      18 CTCGAACCTCTGACCTC 2

RESULT 893
US-10-089-887-4/c
Sequence 4, Application US/10089887
Publication No. US20030219740A1
GENERAL INFORMATION:
APPLICANT: Bayer Corporation et al.
TITLE OF INVENTION: DNA Sequences Isolated from Human Colonic Epithelial Cells
FILE REFERENCE: 1657/1020
CURRENT APPLICATION NUMBER: US/10/089,887
CURRENT FILING DATE: 2000-08-08
PRIOR APPLICATION NUMBER: US 60/147,933
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 61
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 18
```



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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-089-887-4

Query Match      1.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      644 CCAGCGCTGAGCTGCACT 660
Db      18 CCAGCGCTGAGCTGCACT 2

RESULT 894
US-10-187-975-133/c
; Sequence 133, Application US/10187975
; Publication No. US20030224982A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh
; APPLICANT: Patirajan, Meera
; APPLICANT: Ellerman, Karen
; APPLICANT: Gorman, Linda
; APPLICANT: Zhong, Mei
; APPLICANT: Carterton, Elina
; APPLICANT: Spytek, Kimberly
; APPLICANT: Miller, Charles
; APPLICANT: Edinger, Shlomit
; APPLICANT: Hsiao, Tord
; APPLICANT: Hsiao, Valerie
; APPLICANT: Shinkets, Richard
; APPLICANT: Taupier, Raymond J. Jr.
; APPLICANT: Anderson, David
; APPLICANT: Guo, Xiaojia
; APPLICANT: Baumgartner, Jason
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glennnda
; APPLICANT: Caeman, Stacie
; APPLICANT: Voss, Edward
; APPLICANT: Boldog, Ferenc
; APPLICANT: Pena, Carol
; APPLICANT: Chapoval, Andrei
; APPLICANT: Raetelli, Luca
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Vernte, Corine
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; TITLE OF INVENTION: SAME, AND METHODS OF USE
; FILE REFERENCE: 21402-397A
; CURRENT APPLICATION NUMBER: US/10/187,975
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/303,046
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/303,828
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: 60/304,502
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 60/305,011
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 60/305,262
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 60/305,673
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 60/306,085
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 60/307,536
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/308,228
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: 60/308,877
; PRIOR FILING DATE: 2001-07-30
; Remaining Prior Application data removed - See File Wrapper or PLM.
; NUMBER OF SEQ ID NOS: 288
```

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; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO.133
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-187-975-133

Query Match      1.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      535 CTCCTGCTCAGCCTCC 551
Db      17 CTCGAGCTCAGCCTCC 1

RESULT 895
US-10-469-277-4
; Sequence 4, Application US/10469277
; Publication No. US2004017096A1
; GENERAL INFORMATION:
; APPLICANT: Yee, Leland
; APPLICANT: Tang, Jiaming
; APPLICANT: Kadiow, Richard A.
; APPLICANT: van Leeuwen, Dirk J.
; TITLE OF INVENTION: CYTOTOXIC T-LYMPHOCYTE ANTIGEN-4 OR INTERLEUKIN-10 POLYMORPHISMS
; FILE REFERENCE: UAB-19302/22
; CURRENT APPLICATION NUMBER: US/10/469,277
; CURRENT FILING DATE: 2003-08-27
; PRIOR APPLICATION NUMBER: PCT/US02/06207
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/271,811
; PRIOR FILING DATE: 2001-02-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Antisense primer
US-10-469-277-4

Query Match      1.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      885 CACCAGCGCCGGCTTAT 901
Db      2 CACCAGCGCCGGCTTAT 18

RESULT 896
US-10-010-802-81
; Sequence 81, Application US/10010802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isoforms: Polymorphisms in the Interleukin
; FILE REFERENCE: MMH-0002052 IL4R alpha
; CURRENT APPLICATION NUMBER: US/10/010,802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
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;; PRIOR FILING DATE: 2000-07-13  
;; NUMBER OF SEQ ID NOS: 413  
;; SOFTWARE: Patentin Ver. 2.1  
;; SEQ ID NO 81  
;; LENGTH: 15  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-10-010-802-81

Query Match 1.5%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 647 GGCTGGAGTGCAGTG 661  
DB 1 GGCTGGAGTGCAGTG 15

RESULT 897  
US-10-198-069-40  
; Sequence 40, Application US/10198069  
; Publication No. US20030096756A1  
; GENERAL INFORMATION:  
; APPLICANT: AVERBACK, PAUL  
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER  
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF  
; FILE REFERENCE: 59003.000009  
; CURRENT APPLICATION NUMBER: US/10/198,069  
; PRIOR FILING DATE: 2002-07-19  
; PRIOR APPLICATION NUMBER: 60/306,161  
; PRIOR FILING DATE: 2001-07-19  
; PRIOR APPLICATION NUMBER: 60/306,150  
; PRIOR FILING DATE: 2001-07-19  
; PRIOR APPLICATION NUMBER: 60/331,477  
; PRIOR FILING DATE: 2001-11-16  
; NUMBER OF SEQ ID NOS: 48  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 40  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-198-069-40

Query Match 1.5%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1029 AGCAGCTGGAGTTAC 1043  
DB 1 AGCAGCTGGAGTTAC 15

RESULT 898  
US-10-091-281-142/c  
; Sequence 142, Application US/10091281  
; Publication No. US20030190617A1  
; GENERAL INFORMATION:  
; APPLICANT: RAYMOND, VINCENT  
; APPLICANT: SI, ERWIN  
; APPLICANT: MORISSETTE, JEAN  
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
; FILE REFERENCE: 13587.338  
; CURRENT APPLICATION NUMBER: US/10/091,281  
; PRIOR FILING DATE: 2002-03-06  
; NUMBER OF SEQ ID NOS: 463  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 142  
; LENGTH: 15  
; TYPE: DNA

;; ORGANISM: Homo sapiens  
;; FEATURE:  
;; OTHER INFORMATION: Putative CREB/TAXCREB.01 motif  
US-10-091-281-142

Query Match 1.5%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 874 CAGGCGTGAGCCACC 888  
DB 15 CAGGCGTGAGCCACC 1

RESULT 899  
US-10-091-281-361/c  
; Sequence 361, Application US/10091281  
; Publication No. US20030190617A1  
; GENERAL INFORMATION:  
; APPLICANT: RAYMOND, VINCENT  
; APPLICANT: SI, ERWIN  
; APPLICANT: MORISSETTE, JEAN  
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
; FILE REFERENCE: 13587.338  
; CURRENT APPLICATION NUMBER: US/10/091,281  
; PRIOR FILING DATE: 2002-03-06  
; NUMBER OF SEQ ID NOS: 463  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 361  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Putative CREB/TAXCREB.01 motif  
US-10-091-281-361

Query Match 1.5%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 874 CAGGCGTGAGCCACC 888  
DB 15 CAGGCGTGAGCCACC 1

RESULT 900  
US-10-255-434-8/c  
; Sequence 8, Application US/10255434  
; Publication No. US20030129626A1  
; GENERAL INFORMATION:  
; APPLICANT: Nielsen, Kirsten V.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; APPLICANT: Williams, Brett F.  
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
; FILE REFERENCE: BP0101-US  
; CURRENT APPLICATION NUMBER: US/10/255,434  
; PRIOR FILING DATE: 2002-09-24  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic  
; OTHER INFORMATION: Oligomer Sequence  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe  
US-10-255-434-8

Query Match 1.5%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 883 GCCACACAGCCCGGC 897  
DB 15 GCCACACAGCCCGGC 1

RESULT 901  
US-10-255-434-20  
Sequence 20, Application US/10255434  
Publication No. US20030129626A1  
GENERAL INFORMATION:  
APPLICANT: Nielsen, Kirsten V.  
APPLICANT: Hyldig-Nielsen, Jens J.  
APPLICANT: Williams, Brett F.  
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
FILE REFERENCE: B0101-US  
CURRENT APPLICATION NUMBER: US/10/255,434  
CURRENT FILING DATE: 2002-09-24  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 20  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic  
OTHER INFORMATION: Oligomer Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe  
US-10-255-434-20

Query Match 1.5%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 883 GCCACACAGCCCGGC 897  
DB 2 GCCACACAGCCCGGC 16

RESULT 902  
US-10-092-885-52/C  
Sequence 52, Application US/10092885  
Publication No. US20030190618A1  
GENERAL INFORMATION:  
APPLICANT: SAMAL, BABRU  
APPLICANT: LI, YUAN  
APPLICANT: HERMIDA, LEANDRO C.  
APPLICANT: HOPPA, NANCY L.  
APPLICANT: JOHE, KARL K.  
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG  
TITLE OF INVENTION: LIBRARIES OF CDNAS  
FILE REFERENCE: 0109015/026  
CURRENT APPLICATION NUMBER: US/10/092,885  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 60  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 52  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-092-885-52

Query Match 1.5%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 673 GCTCAGTCAACCTC 687  
DB 16 GCTCAGTCAACCTC 2

RESULT 903  
US-09-790-417-252/C  
Sequence 252, Application US/09790417  
Patent No. US20010031470A1  
GENERAL INFORMATION:  
APPLICANT: Shultz, John W.  
APPLICANT: Lewis, Martin K.  
APPLICANT: Liepke, Donna  
APPLICANT: Mandrekar, Michelle  
APPLICANT: Kephart, Daniel  
APPLICANT: Rhodes, Richard B.  
APPLICANT: Andrews, Christine A.  
APPLICANT: Hartnett, James R.  
APPLICANT: Gu, Trent  
APPLICANT: Olson, Ryan J.  
APPLICANT: Wood, Keith W.  
APPLICANT: Welch, Roy  
TITLE OF INVENTION: Nucleic Acid Detection  
FILE REFERENCE: Pro-103 6868/75528  
CURRENT APPLICATION NUMBER: US/09/790,417  
CURRENT FILING DATE: 2001-02-22  
PRIOR APPLICATION NUMBER: 09/358,972  
PRIOR FILING DATE: 1999-07-21  
PRIOR APPLICATION NUMBER: 09/042,287  
PRIOR FILING DATE: 1998-03-13  
NUMBER OF SEQ ID NOS: 290  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 252  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2  
US-09-790-417-252

Query Match 1.5%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGC 649  
DB 15 CTCTGTACCCAGGC 1

RESULT 904  
US-09-739-909-2/C  
Sequence 2, Application US/09739909  
Publication No. US20030022163A1  
GENERAL INFORMATION:  
APPLICANT: Mandrekar, Michelle N.  
APPLICANT: Tereba, Allan  
APPLICANT: Shultz, John W.  
TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences  
FILE REFERENCE: US CIP of Pro-104,0  
CURRENT APPLICATION NUMBER: US/09/739,909  
CURRENT FILING DATE: 2000-12-15  
PRIOR APPLICATION NUMBER: 09/358,972  
PRIOR FILING DATE: 1999-07-21  
PRIOR APPLICATION NUMBER: 09/383,316  
PRIOR FILING DATE: 1999-08-25  
NUMBER OF SEQ ID NOS: 30  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 2  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-739-909-2

Query Match 1.5%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGC 649  
DB 15 CTCTGTACCCAGGC 1

RESULT 905  
US-10-152-297-88/c  
Sequence 88, Application US/10152297  
Publication No. US20030077621A1

GENERAL INFORMATION:  
APPLICANT: Shultz, John W.  
APPLICANT: Lewis, Martin K.  
APPLICANT: Lloppe, Donna  
APPLICANT: Mandrekar, Michelle  
APPLICANT: Kephart, Daniel  
APPLICANT: Rhodes, Richard B.  
APPLICANT: Andrews, Christine A.  
APPLICANT: Hartnett, James R.  
APPLICANT: Gu, Trent  
APPLICANT: Olson, Ryan J.  
APPLICANT: Wood, Keith W.  
APPLICANT: Welch, Roy  
TITLE OF INVENTION: Nucleic Acid Detection  
FILE REFERENCE: PRO-104 6868/75529  
CURRENT APPLICATION NUMBER: US/10/152,297  
CURRENT FILING DATE: 2002-05-20  
PRIOR APPLICATION NUMBER: US/09/383,316  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/252,436  
PRIOR FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: 09/042,287  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 09/358,972  
PRIOR FILING DATE: 1999-07-21  
NUMBER OF SEQ ID NOS: 123  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 88  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2  
US-10-152-297-88

Query Match 1.5%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGC 649  
DB 15 CTCTGTACCCAGGC 1

RESULT 906  
US-10-238-700-481/c  
Sequence 481, Application US/10238700  
Publication No. US20030153521A1

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
FILE REFERENCE: 400/057 (MHB01-1158-A)  
CURRENT APPLICATION NUMBER: US/10/238,700  
CURRENT FILING DATE: 2002-09-18  
PRIOR APPLICATION NUMBER: PCT/US 02/16840  
PRIOR FILING DATE: 2002-05-29  
PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10  
NUMBER OF SEQ ID NOS: 4666  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 481  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-238-700-481

QY 595 TTTTATTTTATT 609  
DB 15 TTTTATTTTATT 1

Query Match 1.5%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 TTTTATTTTATT 609  
DB 15 TTTTATTTTATT 1

RESULT 907  
US-10-238-700-710

Sequence 710, Application US/10238700  
Publication No. US20030153521A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
FILE REFERENCE: 400/057 (MHB01-1158-A)  
CURRENT APPLICATION NUMBER: US/10/238,700  
CURRENT FILING DATE: 2002-09-18  
PRIOR APPLICATION NUMBER: PCT/US 02/16840  
PRIOR FILING DATE: 2002-05-29  
PRIOR APPLICATION NUMBER: US 60/318,471  
PRIOR FILING DATE: 2001-09-10  
NUMBER OF SEQ ID NOS: 4666  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 710  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-238-700-710

Query Match 1.5%; Score 15; DB 1; Length 17;  
Best Local Similarity 26.7%; Pred. No. 6.5e+02;  
Matches 4; Conservative 11; Mismatches 0; Indels 0; Gaps 0;

QY 769 TTTTGTATTATTAG 783  
DB 2 TTTTGTATTATTAG 16

RESULT 908  
US-09-757-421-12  
Sequence 12, Application US/09757421  
Patent No. US20020048785A1  
GENERAL INFORMATION:

APPLICANT: Holtzman, Douglas  
TITLE OF INVENTION: NOVEL POLYPEPTIDES WITHIN THE TUMOR NECROSIS FACTOR RECEPTOR SUPERFAMILY AND USES THEREFOR  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Fish & Richardson, P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: US  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/757,421  
FILING DATE: 10-Jan-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/843,652  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Meikiejohn, Ph.D., Anita L.  
REGISTRATION NUMBER: 35,283  
REFERENCE/DOCKET NUMBER: 09/404/026001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-542-5070  
TELEFAX: 617-542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
US-09-757-421-12

Query Match 1.5%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 998 GCTCAGCGATTCTC 1012  
Db 1 GCTCAGCGATTCTC 15

RESULT 909  
US-09-811-088-21  
Sequence 21, Application US/09811088  
Patent No. US2002016046A1  
GENERAL INFORMATION:  
APPLICANT: Holtzman, Douglas A.  
APPLICANT: Gearing, David P.  
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING  
TITLE OF INVENTION: PROGNASTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC AND OTHER  
FILE REFERENCE: 07334-324001  
CURRENT APPLICATION NUMBER: US/09/811,088  
CURRENT FILING DATE: 2001-03-16  
PRIOR APPLICATION NUMBER: US 09/712,726  
PRIOR FILING DATE: 2000-11-14  
PRIOR APPLICATION NUMBER: US 08/820,364  
PRIOR FILING DATE: 1997-03-12  
PRIOR APPLICATION NUMBER: US 09/757,421  
PRIOR FILING DATE: 2001-01-10  
PRIOR APPLICATION NUMBER: US 08/843,652  
PRIOR FILING DATE: 1997-04-16  
PRIOR APPLICATION NUMBER: US 08/843,651  
PRIOR FILING DATE: 1997-04-16  
PRIOR APPLICATION NUMBER: US 09/354,809  
PRIOR FILING DATE: 1999-07-16  
PRIOR APPLICATION NUMBER: US 08/938,365  
PRIOR FILING DATE: 1997-09-26  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 21  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide for PCR  
US-09-811-088-21

Query Match 1.5%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 998 GCTCAGCGATTCTC 1012  
Db 1 GCTCAGCGATTCTC 15

RESULT 910  
US-10-314-410-21  
Sequence 21, Application US/10314410  
Publication No. US20030125540A1  
GENERAL INFORMATION:  
APPLICANT: Holtzman, Douglas A.  
APPLICANT: Gearing, David P.  
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING  
TITLE OF INVENTION: PROGNASTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC AND OTHER  
FILE REFERENCE: 07334-324001  
CURRENT APPLICATION NUMBER: US/10/314,410  
CURRENT FILING DATE: 2002-12-06  
PRIOR APPLICATION NUMBER: US/09/811,088  
PRIOR FILING DATE: 2001-03-16  
PRIOR APPLICATION NUMBER: US 09/712,726  
PRIOR FILING DATE: 2000-11-14  
PRIOR APPLICATION NUMBER: US 08/820,364  
PRIOR FILING DATE: 1997-03-12  
PRIOR APPLICATION NUMBER: US 09/757,421  
PRIOR FILING DATE: 2001-01-10  
PRIOR APPLICATION NUMBER: US 08/843,652  
PRIOR FILING DATE: 1997-04-16  
PRIOR APPLICATION NUMBER: US 08/843,651  
PRIOR FILING DATE: 1997-04-16  
PRIOR APPLICATION NUMBER: US 09/354,809  
PRIOR FILING DATE: 1999-07-16  
PRIOR APPLICATION NUMBER: US 08/938,365  
PRIOR FILING DATE: 1997-09-26  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 21  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide for PCR  
US-10-314-410-21

Query Match 1.5%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 998 GCTCAGCGATTCTC 1012  
Db 1 GCTCAGCGATTCTC 15

RESULT 911  
US-10-204-254A-51  
Sequence 51, Application US/10204254A  
Publication No. US20030176649A1  
GENERAL INFORMATION:  
APPLICANT: VIKKULA, Mikka  
TITLE OF INVENTION: VEGFOM gene and its mutations causing disorders with a vascular  
FILE REFERENCE: DELC859.001APC  
CURRENT APPLICATION NUMBER: US/10/204,254A  
CURRENT FILING DATE: 2002-08-16  
PRIOR APPLICATION NUMBER: PCT/EP01/01760  
PRIOR FILING DATE: 2001-02-16  
PRIOR APPLICATION NUMBER: 00870022.1  
PRIOR FILING DATE: 2000-02-16  
PRIOR APPLICATION NUMBER: 60/195,777  
PRIOR FILING DATE: 2000-04-10  
PRIOR APPLICATION NUMBER: 00870320.9  
PRIOR FILING DATE: 2000-12-22  
NUMBER OF SEQ ID NOS: 153

```

; SOFTWARE: Patentin version 3.1
; SEQ ID NO 51
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-204-254A-51

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```

Query Match      1.5%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      880 TGAGCCACCCAGCCCC 894
Db      1 TGAGCCACCCAGCCCC 15

```

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RESULT 912
US-10-282-174-306/C
; Sequence 306, Application US/10282174
; Publication No. US20030224380A1
; GENERAL INFORMATION:
; APPLICANT: Becker, Kenneth David
; APPLICANT: Velicelceti, Gonul
; APPLICANT: Eliot, Kathryn J.
; APPLICANT: Wang, Xin
; APPLICANT: Tanzi, Rudolph E.
; APPLICANT: Bertam, Lars
; APPLICANT: Saunders, Aleister J.
; APPLICANT: Mullin, Kristina M.
; APPLICANT: Sampson, Andrew Johnson
; APPLICANT: Blacker, Deborah Lynne
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
; FILE REFERENCE: 37481-3308
; CURRENT APPLICATION NUMBER: US/10/282,174
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/339,525
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 60/338,010
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/336,929
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/338,363
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/337,052
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 60/368,919
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 306
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-282-174-306

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```

Query Match      1.5%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      730 GTAGCTGGAGCTACA 744
Db      15 GTAGCTGGAGCTACA 1

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RESULT 913
US-09-784-423-146/C
; Sequence 146, Application US/09784423

```

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; Patent No. US20020012924A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffrey W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS

```

```

NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESS: Promega Corporation
STREET: 2800 Woods Hollow Road
CITY: Madison
STATE: Wisconsin

```

```

COUNTRY: U.S.A.
ZIP: 53711-5399

```

```

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95

```

```

SOFTWARE: Word 97 (DOS text format)

```

```

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
CLASSIFICATION: <Unknown>

```

```

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/018,584
FILING DATE: 04-Feb-1998

```

```

ATTORNEY/AGENT INFORMATION:
NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 16026,9180
TELEPHONE: (608) 257-3501
TELEFAX: (608) 257-2275

```

```

INFORMATION FOR SEQ ID NO: 146
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear

```

```

SEQUENCE DESCRIPTION: SEQ ID NO: 146
US-09-784-423-146

```

```

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      636 TCTGTACCCAGGCTGGA 653
Db      18 TTTGTACCCAGGCTGGA 1

```

```

RESULT 914
US-09-841-366A-8/C
; Sequence 8, Application US/09841366A
; Patent No. US20020058265A1
; GENERAL INFORMATION:
; APPLICANT: Bacher, Jeffrey W.
; APPLICANT: Planagan, Laura
; APPLICANT: Nassif, Nadine

```

```

; TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
; FILE REFERENCE: 16026-9267
; CURRENT APPLICATION NUMBER: US/09/841,366A
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/663,020
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens

```

```
FEATURE:
; OTHER INFORMATION: MONO-15 primer
US-09-841-366A-8

Query Match
Best Local Similarity 1.5%; Score 14.8; DB 1; Length 18;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 674 CTCACGCAAGCTCTGCC 691
DB 18 CTCACGCAAGCTCTGCC 1

RESULT 915
US-09-809-545A-84
; Sequence 84, Application US/09809545A
; Patent No. US20020110804A1
; GENERAL INFORMATION:
; APPLICANT: Stanton, Lawrence W.
; TITLE OF INVENTION: SECRETED FACTORS
; FILE REFERENCE: SCIOS.017A
; CURRENT APPLICATION NUMBER: US/09/809,545A
; CURRENT FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Oligos corresponding to polylinker sequence.
US-09-809-545A-84

Query Match
Best Local Similarity 1.5%; Score 14.8; DB 1; Length 18;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 18

RESULT 916
US-09-888-326-837
; Sequence 837, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 837
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (0)-(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-837

Query Match
Best Local Similarity 1.5%; Score 14.8; DB 1; Length 18;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 428 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 18

RESULT 917
US-09-982-262B-4/C
; Sequence 4, Application US/09982262B
; Publication No. US20030077565A1
; GENERAL INFORMATION:
; APPLICANT: Christopher K. Mirabelli
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION OF CELL ADHESION
; FILE REFERENCE: ISPH-0612
; CURRENT APPLICATION NUMBER: US/09/982,262B
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/659,288
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 09/128,496
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: 08/440,740
; PRIOR FILING DATE: 1995-05-12
; PRIOR APPLICATION NUMBER: 08/063,167
; PRIOR FILING DATE: 1993-05-17
; PRIOR APPLICATION NUMBER: 07/969,151
; PRIOR FILING DATE: 1993-02-10
; PRIOR APPLICATION NUMBER: 08/007,997
; PRIOR FILING DATE: 1993-01-21
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-982-262B-4

Query Match
Best Local Similarity 1.5%; Score 14.8; DB 1; Length 18;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCCTCGCTCAGCCTC 550
DB 18 TCCCTCGCTCAGCCTC 1

RESULT 918
US-09-776-479-913
; Sequence 913, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-913

Query Match
Best Local Similarity 1.5%; Score 14.8; DB 1; Length 18;
```

Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445  
1 TTTTATTTTATTTT 18

RESULT 919  
US-09-776-479-913  
Sequence 913, Application US/09776479  
Publication No. US20040067902A9  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
APPLICANT: Petersen, Deanna M.  
APPLICANT: Fourn, Yves  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
FILE REFERENCE: C1037/7013 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/09/776,479  
PRIOR FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: US 60/179,991  
NUMBER OF SEQ ID NOS: 1093  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 913  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-913

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445  
1 TTTTATTTTATTTT 18

RESULT 920  
US-09-776-479-939  
Sequence 939, Application US/09776479  
Publication No. US20030087848A1  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
APPLICANT: Petersen, Deanna M.  
APPLICANT: Fourn, Yves  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
FILE REFERENCE: C1037/7013 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/09/776,479  
PRIOR FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: US 60/179,991  
NUMBER OF SEQ ID NOS: 1093  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 939  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-939

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445  
1 TTTTATTTTATTTT 18

Db 1 TTTTATTTTATTTT 18

RESULT 921  
US-09-776-479-939  
Sequence 939, Application US/09776479  
Publication No. US20040067902A9  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
APPLICANT: Petersen, Deanna M.  
APPLICANT: Fourn, Yves  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
FILE REFERENCE: C1037/7013 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/09/776,479  
PRIOR FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: US 60/179,991  
NUMBER OF SEQ ID NOS: 1093  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 939  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-939

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445  
1 TTTTATTTTATTTT 18

RESULT 922  
US-09-370-541-14  
Sequence 14, Application US/09370541  
Publication No. US2003008079A1  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thazha P  
APPLICANT: Kawasaki, Andrew M  
TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric  
FILE REFERENCE: ISIS3993  
CURRENT APPLICATION NUMBER: US/09/370,541  
PRIOR FILING DATE: 1999-08-09  
EARLIER APPLICATION NUMBER: 09/130,973  
EARLIER FILING DATE: 1998-08-07  
EARLIER APPLICATION NUMBER: 09/016,520  
EARLIER FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
EARLIER FILING DATE: 1997-02-14  
EARLIER APPLICATION NUMBER: 09/344,260  
EARLIER FILING DATE: 1999-06-25  
NUMBER OF SEQ ID NOS: 21  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 14  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: antisense  
US-09-370-541-14

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;



QY 428 TTTTATTTATTTT 445  
|||||  
Db 1 TTTTATTTT 18

## RESULT 923

US-09-979-275A-7  
Sequence 7, Application US/09979275A  
Publication No. US20040110919A1  
GENERAL INFORMATION:  
APPLICANT: NAGAI, HIROSHI  
APPLICANT: KURODA, KYOKO  
APPLICANT: MAKUJIMA, TERUMI  
TITLE OF INVENTION: NOVEL PROTEINS HAVING HEMOLYTIC ACTIVITY AND GENES  
FILE REFERENCE: 037181.5061US  
CURRENT APPLICATION NUMBER: US/09/979,275A  
CURRENT FILING DATE: 2003-05-27  
PRIOR APPLICATION NUMBER: PCT/JP01/02209  
PRIOR FILING DATE: 2001-03-21  
PRIOR APPLICATION NUMBER: JP 2000-78967  
PRIOR FILING DATE: 2000-03-21  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 7  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
FEATURE:  
OTHER INFORMATION: Oligonucleotide  
OTHER INFORMATION: this sequence may encompass 12-18 nucleotides  
US-09-979-275A-7

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 445  
|||||  
Db 1 TTTTATTTT 18

## RESULT 924

US-10-125-295-9  
Sequence 9, Application US/10125295  
Publication No. US20020164572A1  
GENERAL INFORMATION:  
APPLICANT: Lin, Chang-I Patsy  
Wallace, Robert Bruce  
Cosman, Jeffrey  
French, Cynthia  
TITLE OF INVENTION: Lyophilization of Cultured Human Cells  
to Preserve RNA and DNA  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/125,295  
FILING DATE: 17-Apr-2002  
CLASSIFICATION: <Unknown>

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/545,225  
FILING DATE: 07-Apr-2000  
APPLICATION NUMBER: US 08/884,029  
FILING DATE: 27-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Parent, Annette S.  
REGISTRATION NUMBER: 42,058  
REFERENCE/DOCKET NUMBER: 02558B-059100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 13..18  
OTHER INFORMATION: /mod base= OTHER  
/note= "at positions 13-18 may be  
present or absent"  
SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-10-125-295-9

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 445  
|||||  
Db 1 TTTTATTTT 18

## RESULT 925

US-10-208-357-24/c  
Sequence 24, Application US/10208357  
Publication No. US20020182687A1  
GENERAL INFORMATION:  
APPLICANT: Kutz, Markus  
APPLICANT: Lohse, Peter  
APPLICANT: Wagner, Richard  
TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
FILE REFERENCE: 50036/031002  
CURRENT APPLICATION NUMBER: US/10/208,357  
CURRENT FILING DATE: 2002-07-30  
PRIOR APPLICATION NUMBER: US/09/619,103  
PRIOR FILING DATE: 2000-07-19  
PRIOR APPLICATION NUMBER: 60/145,834  
PRIOR FILING DATE: 1999-07-27  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatscSeq for Windows Version 4.0  
SEQ ID NO 24  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: designed sequence for nucleic acid purification  
US-10-208-357-24

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 445  
|||||  
Db 18 TTTTATTTT 1

## RESULT 926

```
US-10-112-653-882
; Sequence 882, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieger, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060 (AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 882
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-882

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 18

RESULT 927
US-10-017-995-913
; Sequence 913, Application US/10017995
; Publication No. US2003005014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-913

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 18

RESULT 928
US-10-017-995-939
; Sequence 939, Application US/10017995
; Publication No. US2003005014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
```

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; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-939

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 18

RESULT 929
US-10-206-613-4
; Sequence 4, Application US/10206613
; Publication No. US20030104432A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Zhidong
; APPLICANT: Jablon, David
; APPLICANT: You, Liang
; APPLICANT: He, Biao
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Methods of Amplifying Long Sense Strand RNA
; FILE REFERENCE: 023070-119510US
; CURRENT APPLICATION NUMBER: US/10/206,613
; CURRENT FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 60/308,190
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo dt-18
US-10-206-613-4

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 18

RESULT 930
US-10-313-739-14
; Sequence 14, Application US/10313739
; Publication No. US20030138948A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Fisk, Gregory
; APPLICANT: Inokuma, Margaret
; TITLE OF INVENTION: Islet Cells from Human Embryonic Stem Cells
; FILE REFERENCE: 132/002
; CURRENT APPLICATION NUMBER: US/10/313,739
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 60/338,885
; PRIOR FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.1
```

SEQ ID NO 14  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-313-739-14

Query Match 1.5% Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 660 TGGCGCATCTGGCTCA 677  
Db 1 TGGCGCATCTGGCTCA 18

RESULT 931  
US-10-289-845-11  
Sequence 11, Application US/10289845  
Publication No. US20030170679A1  
GENERAL INFORMATION:  
APPLICANT: Wood, Linda  
APPLICANT: Wagner, Susanne  
APPLICANT: Parodi, Luis  
TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1  
CURRENT APPLICATION NUMBER: US/10/289,845  
CURRENT FILING DATE: 2002-11-07  
NUMBER OF SEQ ID NOS: 51  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 11  
LENGTH: 18  
TYPE: DNA  
ORGANISM: artificial sequence  
FEATURE:  
OTHER INFORMATION: primer  
US-10-289-845-11

Query Match 1.5% Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1051 TGGCAGCAGCCGCTA 1068  
Db 1 TGGCAGCAGCCGCTA 18

RESULT 932  
US-10-056-479A-15  
Sequence 15, Application US/10056479A  
Publication No. US20030175678A1  
GENERAL INFORMATION:  
APPLICANT: Bowen, Benjamin A.  
APPLICANT: Deakin, Edward  
APPLICANT: Goldsmith, Neil  
APPLICANT: Haudenschild, Christian  
APPLICANT: Houck, David  
APPLICANT: McAlpine, James B.  
APPLICANT: Neilsen, Soren  
APPLICANT: Pazoles, Christopher  
APPLICANT: Spencer, Marget E.  
APPLICANT: Stafford, Angela  
TITLE OF INVENTION: Methods for Identifying Genes Regulating  
FILE REFERENCE: 50273/005002  
CURRENT APPLICATION NUMBER: US/10/056,479A  
CURRENT FILING DATE: 2003-02-07  
PRIOR APPLICATION NUMBER: US 60/263,807  
PRIOR FILING DATE: 2001-01-24  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 15  
LENGTH: 18  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-056-479A-15

Query Match 1.5% Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTTTTT 445  
Db 1 TTTTATTTTATTTTTTT 18

RESULT 933  
US-10-352-704-12  
Sequence 12, Application US/10352704  
Publication No. US20030176690A1  
GENERAL INFORMATION:  
APPLICANT: Chacelain, Francois  
APPLICANT: Kumarev, Viktor  
TITLE OF INVENTION: Process for Preparing Polynucleotides on  
a Solid Support and Apparatus Permitting its  
Implementation  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.  
CITY: Washington D.C  
STATE: D.C  
COUNTRY: U.S.A.  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/352,704  
FILING DATE: 28-Jan-2003  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/358,556A  
FILING DATE: 14-DEC-1994  
APPLICATION NUMBER: FR 9315164  
FILING DATE: 16-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDBA UR  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..18  
SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
US-10-352-704-12  
Query Match 1.5% Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 18

RESULT 934

US-10-352-704-18/c  
Sequence 18, Application US/10352704  
Publication No. US20030176690A1  
GENERAL INFORMATION:

APPLICANT: Chatelet, Francois

TITLE OF INVENTION: Process for Preparing Polynucleotides on  
a Solid Support and Apparatus Permitting its  
Implementation

NUMBER OF SEQUENCES: 31

CORRESPONDENCE ADDRESS:

ADDRESS: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.  
CITY: Washington D.C.  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/352,704  
FILING DATE: 28-Jan-2003  
CLASSIFICATION: 536

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/358,556A  
FILING DATE: 14-DEC-1994

APPLICATION NUMBER: FR 9315164  
FILING DATE: 16-DEC-1993

ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)638-6666  
TELEFAX: (202)393-5350  
TELEX: RCA 248593 IDEA UR

INFORMATION FOR SEQ ID NO: 18:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULAR TYPE: DNA (genomic)

HYPOTHEetical: NO

ANTI-SENSE: NO

FRAGMENT TYPE: N-terminal

FEATURE:

NAME/KEY: CDS  
LOCATION: 1..18  
SEQUENCE DESCRIPTION: SEQ ID NO: 18:

US-10-352-704-18  
Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 445  
DB 18 TTTTATTTT 1

RESULT 935  
US-10-314-810-8/c

Sequence 8, Application US/10314810  
Publication No. US20030180758A1  
GENERAL INFORMATION:

APPLICANT: Bacher, Jeffery W.

APPLICANT: Flanagan, Laura

APPLICANT: Nassif, Nadine

TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN

TITLE OF INVENTION: DIAGNOSIS OF TUMORS

FILE REFERENCE: 16026-9267

CURRENT APPLICATION NUMBER: US/10/314,810

CURRENT FILING DATE: 2002-12-09

PRIOR APPLICATION NUMBER: US/09/841,366

PRIOR FILING DATE: 2001-07-16

PRIOR APPLICATION NUMBER: 09/663,020

PRIOR FILING DATE: 2000-09-15

NUMBER OF SEQ ID NOS: 68

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 8

LENGTH: 18

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: MONO-15 primer

US-10-314-810-8

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 674 CTCACGTGCACTCTGCC 691  
DB 18 CTCACGTGCACTCTGCC 1

RESULT 936

US-10-075-335-9

Sequence 9, Application US/10075335

Publication No. US20030186237A1

GENERAL INFORMATION:

APPLICANT: Ginsberg, Stephen

APPLICANT: Che, Shaoli

TITLE OF INVENTION: Methods and Compositions of Amplifying RNA

FILE REFERENCE: HO-P02202US2

CURRENT APPLICATION NUMBER: US/10/075,335

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/268,664

PRIOR FILING DATE: 2001-02-14

PRIOR APPLICATION NUMBER: 60/348,242

PRIOR FILING DATE: 2001-11-07

PRIOR APPLICATION NUMBER: 60/268,645

PRIOR FILING DATE: 2001-02-14

PRIOR APPLICATION NUMBER: 60/344,557

PRIOR FILING DATE: 2001-11-07

PRIOR APPLICATION NUMBER: 60/306,216

PRIOR FILING DATE: 2001-07-18

PRIOR APPLICATION NUMBER: 60/350,176

PRIOR FILING DATE: 2001-11-09

NUMBER OF SEQ ID NOS: 10

SOFTWARE: Patentin version 3.1

SEQ ID NO 9

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

US-10-075-335-9

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 445  
DB 18 TTTTATTTT 1

Db 1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 937  
US-10-091-281-117  
; Sequence 117, Application US/10091281  
; Publication No. US20030190617A1  
; GENERAL INFORMATION:  
; APPLICANT: RAYMOND, VINCENT  
; APPLICANT: SI, ERWIN  
; APPLICANT: MORISSETTE, JEAN  
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
; FILE REFERENCE: 13587.338  
; CURRENT APPLICATION NUMBER: US/10/091,281  
; CURRENT FILING DATE: 2002-03-06  
; NUMBER OF SEQ ID NOS: 463  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 117  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Putative MYOF/NP1.01 motif  
US-10-091-281-117

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 668 TCTTGCTCAGTGCACACC 685  
Db 1 TCTTGCTCAGTGCACACC 18

RESULT 938  
US-10-091-281-314/C  
; Sequence 314, Application US/10091281  
; Publication No. US20030190617A1  
; GENERAL INFORMATION:  
; APPLICANT: RAYMOND, VINCENT  
; APPLICANT: SI, ERWIN  
; APPLICANT: MORISSETTE, JEAN  
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
; FILE REFERENCE: 13587.338  
; CURRENT APPLICATION NUMBER: US/10/091,281  
; CURRENT FILING DATE: 2002-03-06  
; NUMBER OF SEQ ID NOS: 463  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 314  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Putative AHRH/AHR.01 motif  
US-10-091-281-314

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 638 TGTACCCAGGCTGAGT 655  
Db 18 TGTACCCAGGCTGAGT 1

RESULT 939  
US-10-091-281-355  
; Sequence 355, Application US/10091281  
; Publication No. US20030190617A1  
; GENERAL INFORMATION:  
; APPLICANT: RAYMOND, VINCENT  
; APPLICANT: SI, ERWIN  
; APPLICANT: MORISSETTE, JEAN

; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
; FILE REFERENCE: 13587.338  
; CURRENT APPLICATION NUMBER: US/10/091,281  
; CURRENT FILING DATE: 2002-03-06  
; NUMBER OF SEQ ID NOS: 463  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 355  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Putative SRPF/SRF.01 motif  
US-10-091-281-355

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 TTCACCATGTTCCGACG 812  
Db 1 TTCACCATGTTCCGACG 18

RESULT 940  
US-10-351-951-123  
; Sequence 123, Application US/10351951  
; Publication No. US2003020380A1  
; GENERAL INFORMATION:  
; APPLICANT: Stefansson, Stefan E.  
; TITLE OF INVENTION: GENE LINKED TO OSTEOARTHRITIS  
; FILE REFERENCE: 2345.2043-004  
; CURRENT APPLICATION NUMBER: US/10/351,951  
; CURRENT FILING DATE: 2003-01-24  
; PRIOR APPLICATION NUMBER: 10/057,312  
; PRIOR FILING DATE: 2002-01-25  
; PRIOR APPLICATION NUMBER: 60/431,538  
; PRIOR FILING DATE: 2002-12-05  
; NUMBER OF SEQ ID NOS: 132  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 123  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer that hybridizes to the human MATN3 gene  
US-10-351-951-123

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 873 ACAGGCGTGAGCCACGAC 890  
Db 1 ACAGGCGTGAGCCACGAC 18

RESULT 941  
US-10-292-088-144  
; Sequence 144, Application US/10292088  
; Publication No. US2003021100A1  
; GENERAL INFORMATION:  
; APPLICANT: BEDIAN, VAHE  
; APPLICANT: GLADUE, RONALD P.  
; APPLICANT: CORVALAN, JOSE  
; APPLICANT: JIA, XIAO-CHI  
; APPLICANT: FENG, XIAO  
; TITLE OF INVENTION: ANTIBODIES TO CD40  
; FILE REFERENCE: ABX-PF/3 US  
; CURRENT APPLICATION NUMBER: US/10/292,088  
; CURRENT FILING DATE: 2003-03-14  
; PRIOR APPLICATION NUMBER: 60/348,980  
; PRIOR FILING DATE: 2001-11-09  
; NUMBER OF SEQ ID NOS: 147

SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 144  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-392-088-144

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445  
Db 1 TTTTATTTTATTTT 18

RESULT 942  
US-10-314-578-913  
Sequence 913, Application US/10314578  
Publication No. US20030212026A1  
GENERAL INFORMATION:  
APPLICANT: Krieger, Arthur M.  
APPLICANT: Schetter, Christian  
APPLICANT: Vollmer, Jorg  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
FILE REFERENCE: C1039/7035 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/10/314,578  
CURRENT FILING DATE: 2002-12-09  
PRIORITY APPLICATION NUMBER: US 60/156,113  
PRIORITY FILING DATE: 1999-09-25  
PRIORITY APPLICATION NUMBER: US 60/156,135  
PRIORITY FILING DATE: 1999-09-27  
PRIORITY APPLICATION NUMBER: US 60/227,436  
PRIORITY FILING DATE: 2000-08-23  
NUMBER OF SEQ ID NOS: 1145  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 913  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-913

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445  
Db 1 TTTTATTTTATTTT 18

RESULT 943  
US-10-314-578-939  
Sequence 939, Application US/10314578  
Publication No. US20030212026A1  
GENERAL INFORMATION:  
APPLICANT: Krieger, Arthur M.  
APPLICANT: Schetter, Christian  
APPLICANT: Vollmer, Jorg  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
FILE REFERENCE: C1039/7035 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/10/314,578  
CURRENT FILING DATE: 2002-12-09  
PRIORITY APPLICATION NUMBER: US 60/156,113  
PRIORITY FILING DATE: 1999-09-25  
PRIORITY APPLICATION NUMBER: US 60/156,135  
PRIORITY FILING DATE: 1999-09-27  
PRIORITY APPLICATION NUMBER: US 60/227,436

PRIORITY FILING DATE: 2000-08-23  
NUMBER OF SEQ ID NOS: 1145  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 939  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-939

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445  
Db 1 TTTTATTTTATTTT 18

RESULT 944  
US-10-389-155-97  
Sequence 97, Application US/10389155  
Publication No. US20030229208A1  
GENERAL INFORMATION:  
APPLICANT: Queen, Cary L.  
Co, Man Sung  
Schneider, William P.  
Landolfi, Nicholas P.  
Coeligh, Kathleen L.  
Selick, Harold E.  
TITLE OF INVENTION: Improved Humanized Immunoglobulins  
NUMBER OF SEQUENCES: 100  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/389,155  
FILING DATE: 13-Mar-2003  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US/09/325,000  
FILING DATE: 01-JUN-1999  
APPLICATION NUMBER: US 07/290,975  
FILING DATE: 28-DEC-1988  
APPLICATION NUMBER: US 07/310,252  
FILING DATE: 13-FEB-1989  
APPLICATION NUMBER: US 07/590,274  
FILING DATE: 28-SEP-1990  
APPLICATION NUMBER: US 07/634,278  
FILING DATE: 19-DEC-1990  
APPLICATION NUMBER: US 08/484,537  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, William W.  
REGISTRATION NUMBER: 30,223  
REFERENCE/DOCKET NUMBER: 011823-002650US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 97:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

```

;
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13..18
; OTHER INFORMATION: /mod_base= OTHER
; /note= "T at positions 13-18 may be
; present or absent"
; SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-10-389-155-97

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 18

RESULT 945
US-10-271-602B-84/c
; Sequence 84, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271.602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-84

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 18

RESULT 946
US-10-334-143-204
; Sequence 204, Application US/10334143
; Publication No. US20040009549A1
; GENERAL INFORMATION:
; APPLICANT: GRIGORIEV, IGOR VYACHESLAVOVICH
; APPLICANT: SUDARSANAM, SUCHA
; TITLE OF INVENTION: METHOD FOR DETECTING REMOTE HOMOLOGUES AND NOVEL
; TITLE OF INVENTION: KINASES IDENTIFIED WITH THE METHOD
; FILE REFERENCE: 038602/1543
; CURRENT APPLICATION NUMBER: US/10/334.143
```

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;
; CURRENT FILING DATE: 2002-12-31
; PRIOR APPLICATION NUMBER: 60/343,169
; PRIOR FILING DATE: 2001-12-31
; NUMBER OF SEQ ID NOS: 207
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 204
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides in length
US-10-334-143-204

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 18

RESULT 947
US-10-454-663-4/c
; Sequence 4, Application US/10454663
; Publication No. US20040033977A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Christopher K. Mirebelli
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION OF CELL ADHESION
; FILE REFERENCE: ISPH-0744
; CURRENT APPLICATION NUMBER: US/10/454.663
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: 09/982,262
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/659,288
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 09/128,496
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: 08/440,740
; PRIOR FILING DATE: 1995-05-12
; PRIOR APPLICATION NUMBER: 08/063,167
; PRIOR FILING DATE: 1993-05-17
; PRIOR APPLICATION NUMBER: 07/969,151
; PRIOR FILING DATE: 1993-02-10
; PRIOR APPLICATION NUMBER: 08/007,997
; PRIOR FILING DATE: 1993-01-21
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-454-663-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCCGCTGCTGAGCCTC 550
Db 1 TCCTCCGCTGCTGAGCCTC 1

RESULT 948
US-10-389-417-97
; Sequence 97, Application US/10389417
; Publication No. US20040049014A1
; GENERAL INFORMATION:
```

APPLICANT: Queen, Cary L.  
Co, Man Sung  
Schneider, William P.  
Landolfi, Nicholas F.  
Coeligh, Kathleen L.  
Selick, Harold E.  
TITLE OF INVENTION: Improved Humanized Immunoglobulins  
NUMBER OF SEQUENCES: 100  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/389,417  
FILING DATE: 13-Mar-2003  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/325,000  
FILING DATE: 01-JUN-1999  
APPLICATION NUMBER: US 07/290,975  
FILING DATE: 28-DEC-1988  
APPLICATION NUMBER: US 07/310,252  
FILING DATE: 13-FEB-1989  
APPLICATION NUMBER: US 07/590,274  
FILING DATE: 28-SEP-1990  
APPLICATION NUMBER: US 07/634,278  
FILING DATE: 19-DEC-1990  
APPLICATION NUMBER: US 08/484,537  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, William M.  
REGISTRATION NUMBER: 30,223  
REFERENCE/DOCKET NUMBER: 011823-002650US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 97:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 13..18  
OTHER INFORMATION: /mod base= OTHER  
/note= "T at positions 13-18 may be  
present or absent"  
SEQUENCE DESCRIPTION: SEQ ID NO: 97:  
US-10-389-417-97  
Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 428 TTTTATTTATTTATTTT 445  
Db 1 TTTTATTTATTTATTTT 18  
RESULT 949  
US-10-653-416-26  
Sequence 26, Application US/10653416  
Publication No. US20040110201A1

GENERAL INFORMATION:  
APPLICANT: BASHCHIAN, AYOB  
APPLICANT: SCHUSTER, DAVID M.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS  
FILE REFERENCE: 38266-0011  
CURRENT APPLICATION NUMBER: US/10/653,416  
CURRENT FILING DATE: 2003-09-03  
PRIOR APPLICATION NUMBER: 60/407,248  
PRIOR FILING DATE: 2002-09-03  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: Patentin Ver. 3.2  
SEQ ID NO 26  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
FEATURE:  
OTHER INFORMATION: oligonucleotide  
OTHER INFORMATION: this sequence may encompass 12-18 nucleotides according  
US-10-653-416-26  
Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 428 TTTTATTTATTTATTTT 445  
Db 1 TTTTATTTATTTATTTT 18  
RESULT 950  
US-10-785-744-15  
Sequence 15, Application US/10785744  
Publication No. US20040133941A1  
GENERAL INFORMATION:  
APPLICANT: Bowen, Benjamin A.  
APPLICANT: Deakin, Edward  
APPLICANT: Goldsmith, Neil  
APPLICANT: Haudenschild, Christian  
APPLICANT: Houck, David  
APPLICANT: McAlpine, James B.  
APPLICANT: Nielsen, Soren  
APPLICANT: Pazoles, Christopher  
APPLICANT: Spencer, Marget E.  
APPLICANT: Stafford, Angela  
TITLE OF INVENTION: Methods for Identifying Genes Regulating  
TITLE OF INVENTION: Desired Cell Phenotypes  
FILE REFERENCE: 50273/005002  
CURRENT APPLICATION NUMBER: US/10/785,744  
CURRENT FILING DATE: 2004-02-23  
PRIOR APPLICATION NUMBER: US/10/056,479  
PRIOR FILING DATE: 2003-02-07  
PRIOR APPLICATION NUMBER: US 60/263,807  
PRIOR FILING DATE: 2001-01-24  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 15  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-785-744-15  
Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 428 TTTTATTTATTTATTTT 445  
Db 1 TTTTATTTATTTATTTT 18



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RESULT 951
US-10-735-592-1
; Sequence 1, Application US/10735592
; Publication No. US2004017571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-1

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      428 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 18

RESULT 952
US-10-473-368-10/c
; Sequence 10, Application US/10473368
; Publication No. US20040175706A1
; GENERAL INFORMATION:
; APPLICANT: SHIOZAWA, Shunichi
; APPLICANT: KOMAI, Koichiro
; APPLICANT: YAGI, Hirofumi
; APPLICANT: MATSURA, Nao
; TITLE OF INVENTION: Genomic DNAs involved in participating in rheumatoid arthritis,
; TITLE OF INVENTION: a method of diagnosing or judging onset risk of the same,
; FILE REFERENCE: 2003-1388A/WMC/00653
; CURRENT APPLICATION NUMBER: US/10/473,368
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: JP2001-102006
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthesized oligonucleotide
US-10-473-368-10

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      870 ATTACAGCGTGAACAC 887
Db      18 ATTACAGCATGCCAC 1

RESULT 953
US-10-628-525-30/c
; Sequence 30, Application US/10628525
; Publication No. US2004018511A1
; GENERAL INFORMATION:
```

```
APPLICANT: Keeling, Peter
; TITLE OF INVENTION: Starch Encapsulation
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle
; CITY: Boulder
; STATE: CO
; COUNTRY: US
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/628,525
; FILING DATE: 28-Jul-2003
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/941,445
; FILING DATE: 30-SEP-1997
; APPLICATION NUMBER: US 60/026,855
; FILING DATE: 30-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Winner, Ellen P
; REGISTRATION NUMBER: 28,547
; REFERENCE/DOCKET NUMBER: 89-97
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: Not Relevant
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-10-628-525-30

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      428 TTTTATTTTATTTT 445
Db      18 TTTTATTTTATTTT 1

RESULT 954
US-10-453-827-60
; Sequence 60, Application US/10453827
; Publication No. US2004003582A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0211 NP
; CURRENT APPLICATION NUMBER: US/10/453,827
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: U.S. 60/384,980
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 1219
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 60
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-453-827-60

Query Match      1.5%; Score 14.6; DB 1; Length 41;
```

Best Local Similarity 62.2%; Pred. No. 1e+03;  
Matches 23; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 388 CAAAGTCTGGAGATTACAGCGCTGACGCCGCTG 424  
DB 4 CAGTGAGCTGAGATCCACACACTGCACTCCAGCCTG 40

RESULT 955

US-10-453-827-59  
Sequence 59, Application US/10453827  
Publication No. US20040033582A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company  
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS  
FILE REFERENCE: D0211 NP  
CURRENT APPLICATION NUMBER: US/10/453,827  
CURRENT FILING DATE: 2003-06-03  
PRIOR APPLICATION NUMBER: U.S. 60/384,980  
PRIOR FILING DATE: 2002-06-03  
NUMBER OF SEQ ID NOS: 1219  
SOFTWARE: PatentIn version 3.2

SEQ ID NO 59

LENGTH: 41

TYPE: DNA

ORGANISM: Homo sapiens

US-10-453-827-59

Query Match  
Best Local Similarity 62.2%; Pred. No. 1e+03;  
Matches 23; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 388 CAAAGTCTGGAGATTACAGCGCTGACGCCGCTG 424  
DB 5 CAGTGAGCTGAGATCCACACACTGCACTCCAGCCTG 41

RESULT 956

US-09-263-959-472/c  
Sequence 472, Application US/09263959  
Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.  
APPLICANT: Kowen, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: McMaister, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 472:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-472

Query Match  
Best Local Similarity 93.8%; Pred. No. 6.7e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 430 TTATTTTATTTT 445  
DB 16 TTATTTTATTTT 1

RESULT 957

US-10-255-434-5/c  
Sequence 5, Application US/10255434  
Publication No. US20030129626A1

GENERAL INFORMATION:

APPLICANT: Nielsen, Kirsten V.  
APPLICANT: Hyldig-Nielsen, Jens J.  
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
FILE REFERENCE: BP0101-US  
CURRENT APPLICATION NUMBER: US/10/255,434  
CURRENT FILING DATE: 2002-09-24  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 5

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic

OTHER INFORMATION: Oligomer Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe

US-10-255-434-5

Query Match  
Best Local Similarity 93.8%; Pred. No. 6.7e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 843 CCTGCTCGGCGCTCC 858  
DB 16 CCGGCTCGGCTCC 1

RESULT 958

US-10-255-434-17  
Sequence 17, Application US/10255434  
Publication No. US20030129626A1

GENERAL INFORMATION:

APPLICANT: Nielsen, Kirsten V.  
APPLICANT: Hyldig-Nielsen, Jens J.  
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
FILE REFERENCE: BP0101-US  
CURRENT APPLICATION NUMBER: US/10/255,434  
CURRENT FILING DATE: 2002-09-24  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 17

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic

OTHER INFORMATION: Oligomer Sequence  
FEATURE: Description of Artificial Sequence: Synthetic Probe  
OTHER INFORMATION: Sequence  
US-10-255-434-17

Query Match 1.5%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 6.7e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 843 CCTGCTCGGCTCC 858  
Db 1 CCGCCTCGGCTCC 16

RESULT 959  
US-10-091-281-125/c  
Sequence 125, Application US/10091281  
Publication No. US20030190617A1  
GENERAL INFORMATION:  
APPLICANT: RAYMOND, VINCENT  
APPLICANT: SI, ERMIN  
APPLICANT: MORISSETTE, JEAN  
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
FILE REFERENCE: 13587.338  
CURRENT APPLICATION NUMBER: US/10/091,281  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 463  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 125  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Putative MEF2/HMEF2.01 motif  
US-10-091-281-125

Query Match 1.5%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 6.7e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 588 TGGCTAATTTATTT 603  
Db 16 TGGCTAATTTATAT 1

RESULT 960  
US-10-091-281-319  
Sequence 319, Application US/10091281  
Publication No. US20030190617A1  
GENERAL INFORMATION:  
APPLICANT: RAYMOND, VINCENT  
APPLICANT: SI, ERMIN  
APPLICANT: MORISSETTE, JEAN  
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
FILE REFERENCE: 13587.338  
CURRENT APPLICATION NUMBER: US/10/091,281  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 463  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 319  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Putative MYOD/E47.02 motif  
US-10-091-281-319

Query Match 1.5%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 6.7e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 869 GATTCAGGCTGAGC 884

Db 1 GATTCAGGCTGAGC 16

RESULT 961  
US-10-092-885-9/c  
Sequence 9, Application US/10092885  
Publication No. US20030190618A1  
GENERAL INFORMATION:  
APPLICANT: SAMAL, BABRU  
APPLICANT: LI, YUAN  
APPLICANT: HERMIDA, LEANDRO C.  
APPLICANT: HOBPA, NANCY L.  
APPLICANT: JOHE, KARL K.  
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG  
FILE REFERENCE: 0109015/026  
CURRENT APPLICATION NUMBER: US/10/092,885  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 60  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 9  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-092-885-9

Query Match 1.5%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 6.7e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1051 TGGCACCACCCCGC 1066  
Db 16 TGGCACCACCCCGC 1

RESULT 962  
US-10-092-885-23/c  
Sequence 23, Application US/10092885  
Publication No. US20030190618A1  
GENERAL INFORMATION:  
APPLICANT: SAMAL, BABRU  
APPLICANT: LI, YUAN  
APPLICANT: HERMIDA, LEANDRO C.  
APPLICANT: HOBPA, NANCY L.  
APPLICANT: JOHE, KARL K.  
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG  
FILE REFERENCE: 0109015/026  
CURRENT APPLICATION NUMBER: US/10/092,885  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 60  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 23  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-092-885-23

Query Match 1.5%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 6.7e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 689 GCGTCCGCGGTCAAG 704  
Db 16 GCGTCCGCGGTCAAG 1

RESULT 963  
US-10-092-885-45/c  
Sequence 45, Application US/10092885  
Publication No. US20030190618A1  
GENERAL INFORMATION:

```
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; TITLE OF INVENTION: LIBRARIES OF CDNAS
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 45
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-45

Query Match      1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      396 TGGATTACAGCGGTG 411
DB      16 TGGATTACGCGGTG 1

RESULT 964
US-10-092-885-55/c
; Sequence 55, Application US/10092885
; Publication No. US2003019061A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; TITLE OF INVENTION: LIBRARIES OF CDNAS
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-55

Query Match      1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      778 TTTTAGAGAGATGGG 793
DB      16 TTTTAGAGAGCGGG 1

RESULT 965
US-10-317-444-455/c
; Sequence 455, Application US/10317444
; Publication No. US20030235837A1
; GENERAL INFORMATION:
; APPLICANT: Keim, Paul
; APPLICANT: Keys, Christine
; TITLE OF INVENTION: High resolution typing system for pathogenic E. coli
; FILE REFERENCE: NAU2020US
; CURRENT APPLICATION NUMBER: US/10/317,444
; CURRENT FILING DATE: 2002-12-11
; PRIOR APPLICATION NUMBER: US 60/339,687
; PRIOR FILING DATE: 2001-12-11
; NUMBER OF SEQ ID NOS: 560
; SOFTWARE: FaSTSeq for Windows Ver. 4.0
; SEQ ID NO 560
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-317-444-455
```

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; SOFTWARE: FaSTSeq for Windows Version 4.0
; SEQ ID NO 455
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Escherichia coli O157:H7 Sakai
US-10-317-444-455

Query Match      1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      428 TTTTATTTATTTT 443
DB      16 TTTTATTTATTTAT 1

RESULT 966
US-10-317-444-456
; Sequence 456, Application US/10317444
; Publication No. US20030235837A1
; GENERAL INFORMATION:
; APPLICANT: Keim, Paul
; APPLICANT: Keys, Christine
; TITLE OF INVENTION: High resolution typing system for pathogenic E. coli
; FILE REFERENCE: NAU2020US
; CURRENT APPLICATION NUMBER: US/10/317,444
; CURRENT FILING DATE: 2002-12-11
; PRIOR APPLICATION NUMBER: US 60/339,687
; PRIOR FILING DATE: 2001-12-11
; NUMBER OF SEQ ID NOS: 560
; SOFTWARE: FaSTSeq for Windows Version 4.0
; SEQ ID NO 456
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Escherichia coli O157:H7 Sakai
US-10-317-444-456

Query Match      1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      428 TTTTATTTATTTT 443
DB      1 TTTTATTTATTTAT 16

RESULT 967
US-10-317-444-457/c
; Sequence 457, Application US/10317444
; Publication No. US20030235837A1
; GENERAL INFORMATION:
; APPLICANT: Keim, Paul
; APPLICANT: Keys, Christine
; TITLE OF INVENTION: High resolution typing system for pathogenic E. coli
; FILE REFERENCE: NAU2020US
; CURRENT APPLICATION NUMBER: US/10/317,444
; CURRENT FILING DATE: 2002-12-11
; PRIOR APPLICATION NUMBER: US 60/339,687
; PRIOR FILING DATE: 2001-12-11
; NUMBER OF SEQ ID NOS: 560
; SOFTWARE: FaSTSeq for Windows Version 4.0
; SEQ ID NO 457
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Escherichia coli O157:H7 EDL933
US-10-317-444-457

Query Match      1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      428 TTTTATTTATTTT 443
DB      1 TTTTATTTATTTAT 16
```

```
Db      16 TTTTATTTTATTTAT 1

RESULT 968
US-10-317-444-458
; Sequence 458, Application US/10317444
; Publication No. US20030235837A1
; GENERAL INFORMATION:
; APPLICANT: Keim, Paul
; APPLICANT: Keys, Christine
; TITLE OF INVENTION: High resolution typing system for pathogenic E. coli
; FILE REFERENCE: NAU2020US
; CURRENT APPLICATION NUMBER: US/10/317,444
; CURRENT FILING DATE: 2002-12-11
; PRIOR APPLICATION NUMBER: US 60/339,687
; PRIOR FILING DATE: 2001-12-11
; NUMBER OF SEQ ID NOS: 560
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 458
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Escherichia coli O157:H7 EDL933
US-10-317-444-458

Query Match      1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 443
Db      1 TTTTATTTTATTTAT 16

RESULT 969
US-09-864-785-333
; Sequence 333, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 333
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-333

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      711 TCCTGCCCCAGCCTCC 726
Db      2 UCCUGCCCCAGCCTCC 17

RESULT 970
US-09-864-785-334
; Sequence 334, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan

Db      16 TTTTATTTTATTTAT 1

; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 334
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-334

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      711 TCCTGCCCCAGCCTCC 726
Db      1 UCCUGCCCCAGCCTCC 16

RESULT 971
US-10-156-306-538
; Sequence 538, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 538
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-538

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.1e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      678 CTGCAACTCTGCTCC 693
Db      1 CUGCAACUUCUGCCTCC 16

RESULT 972
US-10-156-306-545
; Sequence 545, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 545
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
```



```
Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy      1109 GTCAGCTGCTGCTCAA 1124
      |||||:|||||:
Db      2 GCCAGGCTGCTGCTCAA 17

RESULT 978
US-10-156-306-2389
; Sequence 2389, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MSHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2389
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2389

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.1e+02;
Matches 10; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy      935 CTCGTATCCAGGCT 950
      ||:|||||:
Db      2 CUCUGUGCCAGGCU 17

RESULT 979
US-10-156-306-2392
; Sequence 2392, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MSHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2392
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2392

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy      948 GCTGAGTGCATGCG 963
      ||:|||||:
Db      1 GCTGAGTGCATGAC 16

RESULT 980
US-10-156-306-2414
; Sequence 2414, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MSHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2414
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2414

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy      369 TCACCTGCTCAGCC 384
      :|||||:
Db      2 UCCACGCGCCGCGC 17

RESULT 981
US-10-156-306-2888
; Sequence 2888, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MSHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2888
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2888

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy      1124 AACTCTGACCTCAGC 1139
      |||||:|||||:
Db      1 AACCTCGACCTCAG 16

RESULT 982
US-10-156-306-3780
; Sequence 3780, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MSHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3780
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3780
```

Query Match 1.5%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 7.1e+02;  
Matches 10; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 665 CATCTTGCTCACTG 680  
||:|||||:  
DB 2 CAGUCUGGUCACUG 17

RESULT 983  
US-10-156-306-3791  
; Sequence 3791, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: MCSwigen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3791  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-3791

Query Match 1.5%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 7.1e+02;  
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 197 CCATGTGTCAGGCT 212  
||:|||||:  
DB 2 CCAUGUGGCCAGGCU 17

RESULT 984  
US-10-255-434-3/c  
; Sequence 3, Application US/10255434  
; Publication No. US20030129626A1  
; GENERAL INFORMATION:  
; APPLICANT: Nielsen, Kirsten V.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The  
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly  
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid  
; FILE REFERENCE: BP0101-US  
; CURRENT APPLICATION NUMBER: US/10/255,434  
; CURRENT FILING DATE: 2002-09-24  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:  
; OTHER INFORMATION: Synthetic Oligomer sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe  
; OTHER INFORMATION: Sequence  
US-10-255-434-3

Query Match 1.5%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 882 AGCCACCAAGCCGCGC 897  
|||||:  
DB 17 AGCCACCGCGCCGCGC 2

RESULT 985  
US-10-238-700-682  
; Sequence 682, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: MCSwigen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level

; FILE REFERENCE: 400/057 (MBH01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 682  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-682

Query Match 1.5%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 7.1e+02;  
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 655 TCGAGTGGCGCAATCT 670  
||:|||||:  
DB 2 UGCAGUGGCGCCAUUCU 17

RESULT 986  
US-10-238-700-691  
; Sequence 691, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: MCSwigen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MBH01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 691  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-691

Query Match 1.5%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 7.1e+02;  
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 997 GGCCTAAGCATTC 1012  
||:|||||:  
DB 2 GGUCAAGCAUUCUC 17

RESULT 987  
US-10-238-700-692  
; Sequence 692, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: MCSwigen, James



```

; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 692
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-692

Query Match          1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.1e+02;
Matches 10; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      1000 TCAAGCATTCTCCTG 1015
Db      2   UCAAGCAGUUCUGUG 17
      :|||||:|:|:|
      :|||||:|:|:|

RESULT 988
US-10-238-700-700
; Sequence 700, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 700
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-700

Query Match          1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      869 GATTACAGCGGTGAGC 884
Db      1   GAUUCACAGCGGUGUC 16
      ||:|||||:|:|
      ||:|||||:|:|

RESULT 989
US-10-238-700-712
; Sequence 712, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
```

```

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 712
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-712

Query Match          1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      1087 GAGCGGGGTTTACC 1102
Db      1   GAGACGGGGUUCACC 16
      |||:|||||:|:|
      |||:|||||:|:|

RESULT 990
US-10-238-700-719
; Sequence 719, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 719
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-719

Query Match          1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      1124 AACTCTGACCTCAGG 1139
Db      1   AACTCUCGACCCAG 16
      |||:|||||:|:|
      |||:|||||:|:|

RESULT 991
US-10-339-793-252/c
; Sequence 252, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jih
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 252
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-252

Query Match          1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      480 GTGAGTGTGTATC 495
```

Db 16 GTGCAGTGTGCGATC 1

RESULT 992  
US-10-428-275-355/c  
Sequence 355, Application US/10428275  
Publication No. US2004067505A1  
GENERAL INFORMATION:  
APPLICANT: Alvarez et al.  
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD  
FILE REFERENCE: 21402-585  
CURRENT APPLICATION NUMBER: US/10/428,275  
CURRENT FILING DATE: 2003-05-01  
PRIOR APPLICATION NUMBER: 09/966545  
PRIOR FILING DATE: 2001-09-26  
PRIOR APPLICATION NUMBER: 09/544511  
PRIOR FILING DATE: 2000-04-06  
PRIOR APPLICATION NUMBER: 60/128514  
PRIOR FILING DATE: 1999-04-09  
PRIOR APPLICATION NUMBER: 09/569269  
PRIOR FILING DATE: 2000-05-11  
PRIOR APPLICATION NUMBER: 60/134315  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/619252  
PRIOR FILING DATE: 2000-07-19  
PRIOR APPLICATION NUMBER: 09/789390  
PRIOR FILING DATE: 2001-02-23  
PRIOR APPLICATION NUMBER: 60/185548  
PRIOR FILING DATE: 2000-02-25  
NUMBER OF SEQ ID NOS: 450  
SOFTWARE: CuiSeqlist version 0.1  
SEQ ID NO 355  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe  
US-10-428-275-355

Query Match 1.5%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 369 TCACCTGCTCAGCC 384  
Db 16 TCACCTGCTCAGCC 1

RESULT 993  
US-10-469-277-3  
Sequence 3, Application US/10469277  
Publication No. US20040170996A1  
GENERAL INFORMATION:  
APPLICANT: Yee, Leland  
APPLICANT: Tang, Jianming  
APPLICANT: Kaslow, Richard A.  
APPLICANT: van Leeuwen, Dirk J.  
TITLE OF INVENTION: CYTOTOXIC T-LYMPHOCYTE ANTIGEN-4 OR INTERLEUKIN-10 POLYMORPHISMS  
TITLE OF INVENTION: AS PREDICTORS OF RESPONSE TO THERAPEUTIC INTERVENTION  
FILE REFERENCE: UAB-19302/22  
CURRENT APPLICATION NUMBER: US/10/469,277  
CURRENT FILING DATE: 2003-08-27  
PRIOR APPLICATION NUMBER: PCT/US02/06207  
PRIOR FILING DATE: 2002-02-27  
PRIOR APPLICATION NUMBER: US 60/271,811  
PRIOR FILING DATE: 2001-02-27  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 3  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial

FEATURE:  
OTHER INFORMATION: Antisense primer  
US-10-469-277-3

Query Match 1.5%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 885 CACCAAGCCGCGCTTA 900  
Db 1 CACCAAGCCGCGCTTA 16

RESULT 994  
US-09-881-012-1/c  
Sequence 1, Application US/09881012  
Publication No. US20020192655A1  
GENERAL INFORMATION:  
APPLICANT: Gagne, Edward I.  
APPLICANT: Egeland, Janice A.  
APPLICANT: Paul, Steven W.  
APPLICANT: The Government of the United States of America  
APPLICANT: as represented by The Secretary of the  
APPLICANT: Department of Health and Human Services  
TITLE OF INVENTION: Susceptibility and Resistance Genes for  
TITLE OF INVENTION: Bipolar Affective Disorder  
FILE REFERENCE: 015280-248110US  
CURRENT APPLICATION NUMBER: US/09/881,012  
CURRENT FILING DATE: 2001-06-13  
PRIOR APPLICATION NUMBER: US/09/175,158  
PRIOR FILING DATE: 1998-10-19  
PRIOR APPLICATION NUMBER: US 60/062,924  
PRIOR FILING DATE: 1997-10-20  
NUMBER OF SEQ ID NOS: 240  
SOFTWARE: FastSeq for windows Version 3.0  
SEQ ID NO 1  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: D68344 forward primer  
US-09-881-012-1

Query Match 1.5%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 639 GTCACCCAGGCTGAG 654  
Db 16 GTCACCCAGGCTGAG 1

RESULT 995  
US-10-731-739-356/c  
Sequence 356, Application US/10731739  
Publication No. US20040176582A1  
GENERAL INFORMATION:  
APPLICANT: Carnelli, John P.  
APPLICANT: Little, Randall D.  
APPLICANT: Recker, Robert R.  
APPLICANT: Johnson, Mark L.  
TITLE OF INVENTION: High bone mass gene of 11q13.3  
FILE REFERENCE: 032796-013  
CURRENT APPLICATION NUMBER: US/10/731,739  
CURRENT FILING DATE: 2003-12-10  
PRIOR APPLICATION NUMBER: US/09/544,398B  
PRIOR FILING DATE: 2002-06-10  
PRIOR APPLICATION NUMBER: US 09/229,319  
PRIOR FILING DATE: 1999-01-13  
PRIOR APPLICATION NUMBER: US 60/071,449  
PRIOR FILING DATE: 1998-01-13  
PRIOR APPLICATION NUMBER: US 60/105,511  
PRIOR FILING DATE: 1998-10-23

NUMBER OF SEQ ID NOS: 641  
 SOFTWARE: PastSeq for Windows Version 4.0  
 SEQ ID NO 356  
 LENGTH: 18  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-731-739-356

Query Match 1.5%; Score 14.4; DB 1; Length 18;  
 Best Local Similarity 93.8%; Pred. No. 7.4e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 359 GCTCAGAGTCCACC 374  
 DB 17 GCTCAGAGTCTCTCC 2

RESULT 996  
 US-10-035-833A-373  
 Sequence 373, Application US/10035833A  
 Publication No. US20040072156A1  
 GENERAL INFORMATION:  
 APPLICANT: Nakamura, Yuhio  
 APPLICANT: Sekine, Akihiro  
 APPLICANT: Iida, Aritoshi  
 APPLICANT: Salto, Osamu  
 TITLE OF INVENTION: Detection of Genetic Polymorphisms  
 FILE REFERENCE: FORS-06904  
 CURRENT APPLICATION NUMBER: US/10/035.833A  
 CURRENT FILING DATE: 2001-12-27  
 NUMBER OF SEQ ID NOS: 7669  
 SOFTWARE: PatentIn version 3.2  
 SEQ ID NO 373  
 LENGTH: 41  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-035-833A-373

Query Match 1.4%; Score 14.2; DB 1; Length 41;  
 Best Local Similarity 65.5%; Pred. No. 1e+03;  
 Matches 19; Conservative 1; Mismatches 9; Indels 0; Gaps 0;

QY 260 AAGGCTAGATACAGACTGGCCACCATG 288  
 DB 13 AGGAGTTCRAGACCACTGGCCAAATG 41

RESULT 997  
 US-10-035-833A-6523  
 Sequence 6523, Application US/10035833A  
 Publication No. US20040072156A1  
 GENERAL INFORMATION:  
 APPLICANT: Nakamura, Yuhio  
 APPLICANT: Sekine, Akihiro  
 APPLICANT: Iida, Aritoshi  
 APPLICANT: Salto, Osamu  
 TITLE OF INVENTION: Detection of Genetic Polymorphisms  
 FILE REFERENCE: FORS-06904  
 CURRENT APPLICATION NUMBER: US/10/035.833A  
 CURRENT FILING DATE: 2001-12-27  
 NUMBER OF SEQ ID NOS: 7669  
 SOFTWARE: PatentIn version 3.2  
 SEQ ID NO 6523  
 LENGTH: 41  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-035-833A-6523

Query Match 1.4%; Score 14.2; DB 1; Length 41;  
 Best Local Similarity 65.5%; Pred. No. 1e+03;  
 Matches 19; Conservative 1; Mismatches 9; Indels 0; Gaps 0;

QY 260 AAGGCTAGATACAGACTGGCCACCATG 288

DB 13 AGGAGTTCRAGACCACTGGCCAAATG 41

RESULT 998  
 US-09-179-536B-39/C  
 Sequence 39, Application US/09179536B  
 Patent No. US20020042112A1  
 GENERAL INFORMATION:  
 APPLICANT: Hubert K ster  
 APPLICANT: David M. Lough  
 APPLICANT: Guobing Xiang  
 TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY  
 NUMBER OF SEQUENCES: 320  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Heller Enman White & Mcauliffe  
 STREET: 4250 Executive Square, 7th Floor  
 CITY: La Jolla  
 STATE: CA  
 COUNTRY: USA  
 ZIP: 92037  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: ASCII  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/179.536B  
 FILING DATE: 26-Oct-1998  
 CLASSIFICATION: <Unknown>  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US97/20444  
 FILING DATE: 06-NOV-1997  
 APPLICATION NUMBER: 08/947,801  
 FILING DATE: 08-Oct-97  
 APPLICATION NUMBER: 08/933,792  
 FILING DATE: 19-Sep-97  
 APPLICATION NUMBER: 08/787,639  
 FILING DATE: 23-Jan-97  
 APPLICATION NUMBER: 08/786,988  
 FILING DATE: 23-Jan-97  
 APPLICATION NUMBER: 08/746,055  
 FILING DATE: 06-NO. US20020042112A1-96  
 APPLICATION NUMBER: 08/746,036  
 FILING DATE: 06-NO. US20020042112A1-96  
 APPLICATION NUMBER: 08/744,590  
 FILING DATE: 06-NO. US20020042112A1-96  
 APPLICATION NUMBER: 08/744,481  
 FILING DATE: 06-NO. US20020042112A1-96  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Seidman, Stephanie L  
 REGISTRATION NUMBER: 33,779  
 REFERENCE/DOCKET NUMBER: 24736-2004B  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 858-450-8400  
 TELEFAX: 858-587-5360  
 TELEX: <Unknown>  
 INFORMATION FOR SEQ ID NO: 39:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 14 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: unknown  
 MOLECULE TYPE: cDNA  
 HYPOTHEetical: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: <Unknown>  
 ORIGINAL SOURCE:  
 SEQUENCE DESCRIPTION: SEQ ID NO: 39:  
 US-09-179-536B-39

Query Match 1.4%; Score 14; DB 1; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 6.3e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 620 GAGACAGAGTCTCA 633

Db 14 GAGACAGAGTCTCA 1

## RESULT 999

US-09-263-959-667

Sequence 667, Application US/09263959

Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Kowen, Lee

APPLICANT: Koop, Ben P.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: McMaister, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 667:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-263-959-667

Query Match 1.4%; Score 14; DB 1; Length 14;

Best Local Similarity 100.0%; Pred. No. 6.3e+02; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 428 TTTTATTTATTTT 441

Db 1 TTTTATTTATTTT 14

## RESULT 1000

US-09-739-909-10

Sequence 10, Application US/09739909

Publication No. US20030022163A1

GENERAL INFORMATION:

APPLICANT: Mandrekar, Michelle N.

APPLICANT: Tereba, Allan

APPLICANT: Shultz, John W.

TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences

FILE REFERENCE: US CIP of PRO-104.0

CURRENT APPLICATION NUMBER: US/09/739,909

PRIOR FILING DATE: 2000-12-15

PRIOR APPLICATION NUMBER: 09/358,972

PRIOR FILING DATE: 1999-07-21

PRIOR APPLICATION NUMBER: 09/383,316

PRIOR FILING DATE: 1999-08-25

NUMBER OF SEQ ID NOS: 30

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 10

LENGTH: 14

TYPE: DNA

ORGANISM: Homo sapiens

US-09-739-909-10

Query Match 1.4%; Score 14; DB 1; Length 14;

Best Local Similarity 100.0%; Pred. No. 6.3e+02; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 649 CTGAGTGCAGTGG 662

Db 1 CTGAGTGCAGTGG 14

## RESULT 1001

US-09-880-727-9/C

Sequence 9, Application US/09880727

Publication No. US20030064364A1

GENERAL INFORMATION:

APPLICANT: Lockhart, David J.

APPLICANT: Chee, Mark

APPLICANT: Gunderson, Kevin

APPLICANT: Chaoqiang, Lai

APPLICANT: Wodicka, Lisa

APPLICANT: Cronin, Maureen T.

APPLICANT: Lee, Danny

APPLICANT: Tran, Huu M.

APPLICANT: Matsuzaki, Hajime

APPLICANT: McCall, Glenn H.

TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES

NUMBER OF SEQUENCES: 32

CORRESPONDENCE ADDRESS:

ADDRESSEE: Joe Liebeschuetz

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: CA

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/880,727

FILING DATE: 13-Jun-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/882,649

FILING DATE: <Unknown>

APPLICATION NUMBER: US 60/035,170

FILING DATE: 09-JAN-1997

APPLICATION NUMBER: PCT/US97/01603

FILING DATE: 22-JAN-1997

ATTORNEY/AGENT INFORMATION:

NAME: Liebeschuetz, Joe

REGISTRATION NUMBER: 37,505

REFERENCE/DOCKET NUMBER: 018547-019410US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: YES

(1x) Features:

SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-09-880-727-9

Query Match 1.4%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 441  
DB 14 TTTTATTTATTTT 1

RESULT 1002  
US-09-297-576A-39/c  
Sequence 39, Application US/09297576A  
Publication No. US20030129589A1  
GENERAL INFORMATION:  
APPLICANT: KOSTER, Hubert  
APPLICANT: LITTLE, Daniel P.  
APPLICANT: BRAUN, Andreas  
APPLICANT: LOUGH, David M.  
APPLICANT: XIANG, Guobing  
APPLICANT: VAN DEN BOOM, Dirk  
APPLICANT: JURINKS, Christian  
APPLICANT: RUPPERT, Andreas  
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY  
NUMBER OF SEQUENCES: 320  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Heller Ehrman White & McCauliffe  
STREET: 4250 Executive Square, 7th floor  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/297,576A  
FILING DATE: 07-Jun-2000  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/947,801  
FILING DATE: 08-Oct-97  
APPLICATION NUMBER: 08/933,792  
FILING DATE: 19-Sep-97  
APPLICATION NUMBER: 08/787,639  
FILING DATE: 23-Jan-97  
APPLICATION NUMBER: 08/786,988  
FILING DATE: 23-Jan-97  
APPLICATION NUMBER: 08/746,055  
FILING DATE: 06-No. US20030129589A1-96  
APPLICATION NUMBER: 08/746,036  
FILING DATE: 06-No. US20030129589A1-96  
APPLICATION NUMBER: 08/744,590  
FILING DATE: 06-No. US20030129589A1-96  
APPLICATION NUMBER: 08/744,481  
FILING DATE: 06-No. US20030129589A1-96  
ATTORNEY/AGENT INFORMATION:  
NAME: Seidman, Stephanie L.  
REGISTRATION NUMBER: 33,779  
REFERENCE/DOCKET NUMBER: 24736-2004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 858-450-8400  
TELEFAX: 858-450-8489  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown

MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: <Unknown>  
ORIGINAL SOURCE:  
US-09-297-576A-39

Query Match 1.4%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 GAGACAGAGTCTCA 633  
DB 14 GAGACAGAGTCTCA 1

RESULT 1003  
US-09-263-959-695  
Sequence 695, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Rowen, Lee  
APPLICANT: KOOP, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McWasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4800  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 695:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-695  
Query Match 1.4%; Score 14; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 441  
DB 1 TTTTATTTATTTT 14

RESULT 1004  
US-09-263-959-950  
Sequence 950, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Rowen, Lee

APPLICANT: KOOP, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMaisters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 950:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-950

Query Match 1.4%; Score 14; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 433 TTTTATTTTTTTT 446  
DB 1 TTTTATTTTTTTT 14

RESULT 1005  
US-10-091-281-134  
Sequence 134, Application US/10091281  
Publication No. US20030190617A1  
GENERAL INFORMATION:  
APPLICANT: RAYMOND, VINCENT  
APPLICANT: SI, ERWIN  
APPLICANT: MORISSETTE, JEAN  
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
FILE REFERENCE: 13587.338  
CURRENT APPLICATION NUMBER: US/10/091,281  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 463  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 134  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Putative ARPI/ARPI.01 motif  
US-10-091-281-134

Query Match 1.4%; Score 14; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1124 AACTCTGACCTCA 1137  
DB 3 AACTCTGACCTCA 16

RESULT 1006  
US-10-156-306-549  
Sequence 549, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn Version 3.0  
SEQ ID NO 549  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-549

Query Match 1.4%; Score 14; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 7.5e+02;  
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 724 TCCTGAGTCTGG 737  
DB 1 UCCUGAGUGCUGG 14

RESULT 1007  
US-10-156-306-575  
Sequence 575, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn Version 3.0  
SEQ ID NO 575  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-575

Query Match 1.4%; Score 14; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 7.5e+02;  
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 394 GCTGGATTACAG 407  
DB 1 GCTGGGATVACAG 14

RESULT 1008  
US-10-602-837-117  
Sequence 117, Application US/10602837  
Publication No. US20040053310A1  
GENERAL INFORMATION:  
APPLICANT: Shi, Hua  
APPLICANT: Lis, John T.  
TITLE OF INVENTION: EXHAUSTIVE SELECTION OF RNA APTAMERS AGAINST COMPLEX  
FILE REFERENCE: 19603/3921  
CURRENT APPLICATION NUMBER: US/10/602,837  
CURRENT FILING DATE: 2003-06-24  
PRIOR APPLICATION NUMBER: 60/391,255  
PRIOR FILING DATE: 2002-06-24

NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 17  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Probe  
US-10-602-837-17

Query Match 1.4%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 805 TCGCCAGGTGATC 818  
DB 4 TCGCCAGGTGATC 17

RESULT 1009  
US-10-138-674-6194/c  
Sequence 6194, Application US/10138674  
Publication No. US20040077565A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE REFERENCE: MHB00-876-N (400/049)  
CURRENT APPLICATION NUMBER: US/10/138, 674  
CURRENT FILING DATE: 2002-05-03  
NUMBER OF SEQ ID NOS: 20822  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6194  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-138-674-6194

Query Match 1.4%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 195 CTCCATGTTGGTCA 208  
DB 17 CTCCATGTTGGTCA 4

RESULT 1010  
US-10-138-674-6195/c  
Sequence 6195, Application US/10138674  
Publication No. US20040077565A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE REFERENCE: MHB00-876-N (400/049)  
CURRENT APPLICATION NUMBER: US/10/138, 674  
CURRENT FILING DATE: 2002-05-03  
NUMBER OF SEQ ID NOS: 20822  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6195  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-138-674-6195

Query Match 1.4%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 195 CTCCATGTTGGTCA 208  
DB 14 CTCCATGTTGGTCA 1

RESULT 1011  
US-10-138-674-8504/c  
Sequence 8504, Application US/10138674  
Publication No. US20040077565A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions F  
FILE REFERENCE: MHB00-876-N (400/049)  
CURRENT APPLICATION NUMBER: US/10/138, 674  
CURRENT FILING DATE: 2002-05-03  
NUMBER OF SEQ ID NOS: 20822  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 8504  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-138-674-8504

Query Match 1.4%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 195 CTCCATGTTGGTCA 208  
DB 16 CTCCATGTTGGTCA 3

RESULT 1012  
US-10-287-949A-6194/c  
Sequence 6194, Application US/10287949A  
Publication No. US20040102389A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
FILE REFERENCE: MHB00-876-N (400/049)  
CURRENT APPLICATION NUMBER: US/10/287, 949A  
CURRENT FILING DATE: 2003-04-11  
NUMBER OF SEQ ID NOS: 20822  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6194  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-287-949A-6194

Query Match 1.4%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 195 CTCCATGTTGGTCA 208  
DB 17 CTCCATGTTGGTCA 4

```
RESULT 1013
US-10-287-949A-6195/c
; Sequence 6195, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Becobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6195
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-6195

Query Match          1.4%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      195 CTCGATGTGTGTCGA 208
Db      14 CTCGATGTGTGTCGA 1

RESULT 1014
US-10-287-949A-8504/c
; Sequence 8504, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Becobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 8504
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8504

Query Match          1.4%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      195 CTCGATGTGTGTCGA 208
Db      16 CTCGATGTGTGTCGA 3

RESULT 1015
US-10-198-069-34/c
; Sequence 34, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
```

```
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; PRIOR FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 34
; LENGTH: 42
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-34

Query Match          1.4%; Score 14; DB 1; Length 42;
Best Local Similarity 60.5%; Pred. No. 1e+03;
Matches 23; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY      534 CCTCTGCTCAGCTCCCACTAGTGGAGCAAGA 571
Db      39 CCTGTAGTCCAGCTACTCAGAGGCTGGGAGAGAGA 2

RESULT 1016
US-10-198-069-29/c
; Sequence 29, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; PRIOR FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 29
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-29

Query Match          1.4%; Score 14; DB 1; Length 60;
Best Local Similarity 60.5%; Pred. No. 8.3e+02;
Matches 23; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY      534 CCTCTGCTCAGCTCCCACTAGTGGAGCAAGA 571
Db      57 CCTGTAGTCCAGCTACTCAGAGGCTGGGAGAGAGA 20

RESULT 1017
US-09-726-096A-5
; Sequence 5, Application US/09726096A
; Publication No. US2001001652A1
; GENERAL INFORMATION:
```



APPLICANT: Manoharan, Murhiah  
APPLICANT: Maier, Martin A.  
TITLE OF INVENTION: Compounds And Intermediates For Synthesis Of Mixed Back  
TITLE OF INVENTION: Oligomeric Compounds  
FILE REFERENCE: 1S1S4528  
CURRENT APPLICATION NUMBER: US/09/726,096A  
CURRENT FILING DATE: 2000-11-29  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc.feature  
OTHER INFORMATION: Oligonucleotide  
NAME/KEY: misc.feature  
LOCATION: (1)-(19)  
OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate  
OTHER INFORMATION: Internucleoside linkage  
US-09-726-096A-5

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 444  
1 TTTTATTTTATTTT 17

RESULT 1018

US-09-866-108-6546/c  
Sequence 6546, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: A60MCA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263, 6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: A60MCA Sequence Listing Engine  
SEQ ID NO 6546  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-6546

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 369 TCCACCTGCTCAGCCT 385  
17 TCCACCTGCTCAGCCT 1

RESULT 1019

US-09-866-108-6547/c  
Sequence 6547, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: A60MCA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263, 6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: A60MCA Sequence Listing Engine  
SEQ ID NO 6547  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

US-09-866-108-6547

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 368 GTCACCTGCTCAGGC 384  
DB 17 GTCACCTGCTCAGGC 1

RESULT 1020

US-09-866-108-8863/C  
Sequence 8863, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEWICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aewica Sequence Listing Engine  
SEQ ID NO 8863  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-8863

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 197 CCATGTTGCTCAGGCTG 213  
DB 17 CCATCTTGATCAGGCTG 1

RESULT 1021

US-09-866-108-9424/C  
Sequence 9424, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEWICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aewica Sequence Listing Engine  
SEQ ID NO 9424  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-9424

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 346 GGTGTCCTCCTGAGCTC 362  
DB 17 GCTTGCTCTCTGAGCTC 1

RESULT 1022

US-09-866-108-9427/C  
Sequence 9427, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.

```

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeoica Sequence Listing Engine
; SEQ ID NO 9427
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-9427

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      343 CAACTGCTCTCTCTGAG 359
DB      17 CAGGCTGTCTCTCTGAG 1

RESULT 1023
US-09-827-998-851/c
; Sequence 851, Application US/09827998
; Patent NO. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeoica Sequence Listing Engine
; SEQ ID NO 851
; LENGTH: 17
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; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-851

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      890 CGCCCGGCTTATTTTA 906
DB      17 CGCAGGCTTATCTTA 1

RESULT 1024
US-09-263-959-561
; Sequence 561, Application US/09263959
; Patent NO. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 561:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-263-959-561

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTATTATTATTTT 444
DB      1 TTTATTATTATTTAT 17

RESULT 1025
US-09-263-959-744/c
; Sequence 744, Application US/09263959
; Patent NO. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
```

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMaisters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 744:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-744

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 429 TTTATTTTATTTT 445  
Db 17 TTTATTTTATTTT 1

RESULT 1026  
US-09-843-676-132  
Sequence 132, Application US/09843676  
Patent No. US20020164786A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: No. US20020164786A1 Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/843,676  
FILING DATE: 26-Apr-2001  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/854,050  
FILING DATE: 09-MAY-1997

APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 132:  
US-09-843-676-132

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTATTTTATTTT 444  
Db 1 TTTATTTTATTTT 17

RESULT 1027  
US-09-864-785-335  
Sequence 335, Application US/09864785  
Patent No. US20020177568A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Draper, Ken  
APPLICANT: McSwigen, Jim  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
TITLE OF INVENTION: Levels of NF-Kappa B  
FILE REFERENCE: 400/022 (MHB00-812-D)  
CURRENT APPLICATION NUMBER: US/09/864,785  
CURRENT FILING DATE: 2001-05-23  
NUMBER OF SEQ ID NOS: 3929  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 335  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-335

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 7.7e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 712 CCGCCCCAGCCCTCG 728  
Db 1 CCGCCCCAGCCCTCG 17

RESULT 1028  
US-09-766-253-132  
Sequence 132, Application US/09766253  
Publication No. US20020187471A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.

Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: No. US20020187471A1el Telomerase  
NUMBER OF SEQUENCES: 171  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/766,253  
FILING DATE: 19-Jan-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/846,017  
FILING DATE: 1997-04-25  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002920US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 132:  
US-09-766-253-132

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 428 TTTATTTTATTTT 444  
Db 1 TTTTATTTTATTTT 17

RESULT 1029  
US-09-438-486-132  
Sequence 132, Application US/09438486  
Publication No. US2003009019A1  
GENERAL INFORMATION:  
APPLICANT: Cecch, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: No. US2003009019A1el Telomerase  
NUMBER OF SEQUENCES: 223  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111-3834  
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/438,486  
FILING DATE: 12-NOV-1999  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002931US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-438-486-132.

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 428 TTTATTTTATTTT 444  
Db 1 TTTTATTTTATTTT 17

RESULT 1030  
US-09-961-077-884  
Sequence 884, Application US/09961077  
Publication No. US20030014775A1  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent B.  
APPLICANT: McSwigen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
MODULATION OF GENE EXPRESSION  
IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.

```

;
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;
; STORAGE
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
;
; TELETYPE: 67-3510
;
; INFORMATION FOR SEQ ID NO: 884:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 884:
US-09-961-077-884

```

```

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 5.9%; Pred. No. 7.7e+02;
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

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Qy 427 TTTTATTTTATTTT 443
Db 1 UUUUUUUUUUUUUU 17

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RESULT 1031
US-09-961-077-885
; Sequence 885, Application US/09961077
; Publication No. US20030014775A1
;
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
;
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
;
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage

```

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;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
;
; TELETYPE: 67-3510
;
; INFORMATION FOR SEQ ID NO: 885:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 885:
US-09-961-077-885

```

```

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 5.9%; Pred. No. 7.7e+02;
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

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```

Qy 428 TTTTATTTTATTTT 444
Db 1 UUUUUUUUUUUUUU 17

```

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RESULT 1032
US-09-730-289B-171
; Sequence 171, Application US/09730289B
; Publication No. US20030050259A1
;
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
;
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 171
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
;
; US-09-730-289B-171

```

```

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 7.7e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

```

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Qy 604 TTTTATTTTATTTT 620
Db 1 UUUUUUUUUUUUUU 17

```

```

RESULT 1033
US-09-730-289B-1070/C

```

```
; Sequence 1070, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730, 289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1070
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-1070

Query Match
Best Local Similarity 1.4%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 187 TGGAGTTCTCCAGCTT 203
DB 17 TGGAGTTCTCCAGCTAT 1

RESULT 1034
US-09-780-533A-89
; Sequence 89, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Chowitra, Bharat
; APPLICANT: Haebertli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00-878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780, 533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 89
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-89

Query Match
Best Local Similarity 1.4%; Score 13.8; DB 1; Length 17;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1009 TCTCCTGTCGAGCCTC 1025
DB 1 CTCCTCCTGTCGAGCCTC 17

RESULT 1035
US-09-780-533A-237/C
; Sequence 237, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Chowitra, Bharat
; APPLICANT: Haebertli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
```

```
; FILE REFERENCE: MHB00-878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780, 533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 237
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-237

Query Match
Best Local Similarity 1.4%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTATTTTATTTT 444
DB 17 TTTCTCTATTTT 1

RESULT 1036
US-09-780-533A-891
; Sequence 891, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Chowitra, Bharat
; APPLICANT: Haebertli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00-878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780, 533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 891
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-891

Query Match
Best Local Similarity 1.4%; Score 13.8; DB 1; Length 17;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 241 CCTCCTGTCGAGCCTC 257
DB 1 CTCCTCCTGTCGAGCCTC 17

RESULT 1037
US-09-780-533A-892
; Sequence 892, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Chowitra, Bharat
; APPLICANT: Haebertli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00-878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780, 533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
```

SEQ ID NO 892  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-780-533A-892

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 7.7e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 242 CTCGCTCGGCTCC 258  
1 CTCGCGCCGCGCCUCC 17

RESULT 1038  
US-09-927-046-439/c  
Sequence 439, Application US/09927046  
Publication No. US20030064946A1

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc  
APPLICANT: MCSwigen, Jim  
APPLICANT: Thompson, Jim  
APPLICANT: McKenzie, Tim  
APPLICANT: Ayers, Dave  
APPLICANT: Grupe, Andrew  
TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chlor  
FILE REFERENCE: 249/021  
CURRENT APPLICATION NUMBER: US/09/927,046  
CURRENT FILING DATE: 2001-08-09  
NUMBER OF SEQ ID NOS: 5450  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 439  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-927-046-439

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 520 CTGAGATCAAGATCCT 536  
17 CTGAGATCAAGATCCT 1

RESULT 1039  
US-09-848-754A-542/c  
Sequence 542, Application US/09848754A  
Publication No. US20030073207A1

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
FILE REFERENCE: MHB00-958-1 (400/018)  
CURRENT APPLICATION NUMBER: US/09/848,754A  
CURRENT FILING DATE: 2001-05-03  
NUMBER OF SEQ ID NOS: 9645  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 542  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-848-754A-542

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 520 CTGAGATCAAGATCCT 536

Db 17 CTGGAATCAAGATCCT 1

RESULT 1040  
US-09-848-754A-1340/c  
Sequence 1340, Application US/09848754A  
Publication No. US20030073207A1

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
FILE REFERENCE: MHB00-958-1 (400/018)  
CURRENT APPLICATION NUMBER: US/09/848,754A  
CURRENT FILING DATE: 2001-05-03  
NUMBER OF SEQ ID NOS: 9645  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1340  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-848-754A-1340

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 709 TCTCTGCCCCAGCCTC 725  
17 TCTCTGCGAGCAGCCTC 1

RESULT 1041  
US-09-848-754A-1508  
Sequence 1508, Application US/09848754A  
Publication No. US20030073207A1

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
FILE REFERENCE: MHB00-958-1 (400/018)  
CURRENT APPLICATION NUMBER: US/09/848,754A  
CURRENT FILING DATE: 2001-05-03  
NUMBER OF SEQ ID NOS: 9645  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1508  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-848-754A-1508

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 7.7e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 373 CCGCTCAAGCTCCCA 389  
1 CCUCCUAGCAGCAGCA 17

RESULT 1042  
US-09-848-754A-1849/c  
Sequence 1849, Application US/09848754A  
Publication No. US20030073207A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
FILE REFERENCE: MHB00-958-1 (400/018)  
CURRENT APPLICATION NUMBER: US/09/848,754A  
CURRENT FILING DATE: 2001-05-03  
NUMBER OF SEQ ID NOS: 9645  
SOFTWARE: PatentIn version 3.0



SEQ ID NO 1849  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-848-754A-1849

Query Match 1.4% Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 TGAGTCAAGCATCTCC 537  
DB 17 TGAATCAGCATCTCC 1

RESULT 1043  
US-09-827-395A-728/c  
Sequence 728, Application US/09827395A  
Publication No. US20030113891A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Lawrence Blatt  
APPLICANT: James McSwiggen  
APPLICANT: Bharat Chowitra  
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor C  
FILE REFERENCE: MHB00-878-C (400/017)  
CURRENT FILING DATE: 2001-04-05  
PRIOR APPLICATION NUMBER: US/09/827,395A  
PRIOR FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: 60/181,797  
PRIOR FILING DATE: 2000-02-11  
NUMBER OF SEQ ID NOS: 2617  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 728  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-827-395A-728

Query Match 1.4% Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 339 TGCCCAAGCTGCTCC 355  
DB 17 TGCCGAAGCTGCTCTTC 1

RESULT 1044  
US-09-792-818-368  
Sequence 368, Application US/09792818  
Publication No. US20030134806A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Jarvis, Thale  
APPLICANT: Von Carlowitz, Ira  
APPLICANT: McSwiggen, Jim  
APPLICANT: Hamblin, Paul  
APPLICANT: Ellis, Jonathan  
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse  
TITLE OF INVENTION: (GRID) Gene  
FILE REFERENCE: MHB00-901-A (400/013)  
CURRENT FILING DATE: US/09/792,818  
CURRENT FILING DATE: 2001-02-23  
NUMBER OF SEQ ID NOS: 2304  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 368  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-792-818-368

Query Match 1.4% Score 13.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.7e+02;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 371 CACCTGCTCAGCTCC 387  
DB 1 CACCACTCAGCTCC 17

RESULT 1045  
US-10-208-357-23/c  
Sequence 23, Application US/10208357  
Publication No. US20020182687A1  
GENERAL INFORMATION:  
APPLICANT: Kutz, Markus  
APPLICANT: Lohse, Peter  
APPLICANT: Wagner, Richard  
TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
FILE REFERENCE: 50036/031002  
CURRENT FILING DATE: US/10/208,357  
CURRENT FILING DATE: 2002-07-30  
PRIOR APPLICATION NUMBER: US/09/619,103  
PRIOR FILING DATE: 2000-07-19  
PRIOR APPLICATION NUMBER: 60/145,834  
PRIOR FILING DATE: 1999-07-27  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 23  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: designed sequence for nucleic acid purification  
US-10-208-357-23

Query Match 1.4% Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 444  
DB 17 TTTTATTTTATTTT 1

RESULT 1046  
US-10-053-758-132  
Sequence 132, Application US/10053758  
Publication No. US20030032075A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: No. US20030032075A1el Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/053,758  
FILING DATE: 18-Jan-2002

CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 132:  
US-10-053-758-132  
Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 428 TTTTATTTTATTTT 444  
Db 1 TTTTATTTTATTTT 17  
RESULT 1047  
US-10-054-295-132  
Sequence 132, Application US/10054295  
Publication No. US20030044953A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: No. US20030044953A1e1 Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/054,295  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/854,050  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419

FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 132:  
US-10-054-295-132  
Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 428 TTTTATTTTATTTT 444  
Db 1 TTTTATTTTATTTT 17  
RESULT 1048  
US-10-117-267-5  
Sequence 5, Application US/10117267  
Publication No. US20030045698A1  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
Maier, Ph.D., Martin A.  
TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Bac.  
FILE REFERENCE: ISIS-5039  
CURRENT APPLICATION NUMBER: US/10/117,267  
CURRENT FILING DATE: 2002-04-05  
PRIOR APPLICATION NUMBER: 09/726,096  
PRIOR FILING DATE: 2000-11-29  
PRIOR APPLICATION NUMBER: 09/250,075  
PRIOR FILING DATE: 1999-02-12  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (1)-(19)  
OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate  
OTHER INFORMATION: Internucleoside linkage  
US-10-117-267-5  
Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 428 TTTTATTTTATTTT 444  
Db 1 TTTTATTTTATTTT 17  
RESULT 1049  
US-10-060-756A-486/C  
Sequence 486, Application US/10060756A  
Publication No. US20030046717A1  
GENERAL INFORMATION:

APPLICANT: Zhang, Jian  
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN  
FILE REFERENCE: PB0177  
CURRENT APPLICATION NUMBER: US/10/060,756A  
CURRENT FILING DATE: 2002-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 09/864,761  
PRIOR FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/327,898  
PRIOR FILING DATE: 2001-10-09  
NUMBER OF SEQ ID NOS: 4804  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 486  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-060-756A-486

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1047 CACCTGCCACCCACCC 1063  
DB 17 CACCTGCCACCCACCC 1

RESULT 1050  
US-10-054-611-132  
Sequence 132, Application US/10054611  
Publication No. US20030059787A1  
GENERAL INFORMATION:  
APPLICANT: Cecchi, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: No. US20030059787A1 Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/054,611  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: 356  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/854,050  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997

APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 132:  
US-10-054-611-132

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 444  
DB 1 TTTTATTTTATTTT 17

RESULT 1051  
US-10-156-306-471  
Sequence 471, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
FILE REFERENCE: MEB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 471  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-471

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 17.6%; Pred. No. 7.7e+02;  
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 764 TTAATTTTGTATTT 780  
DB 1 UAAUUUUUACUAAUUU 17

RESULT 1052  
US-10-156-306-472  
Sequence 472, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
FILE REFERENCE: MEB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 472

LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-472

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 17.6%; Pred. No. 7.7e+02;  
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 765 AATTTTGTGTAATTTT 761  
||:||||:|:||||:  
Db 1 AATUUUUUACUATUUU 17

RESULT 1053  
US-10-156-306-517  
Sequence 517, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 517  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-517

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 5.9%; Pred. No. 7.7e+02;  
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

QY 429 TTTATTTTATTTT 445  
:::|::|:|:||||:  
Db 1 UUUUUUUUUUUUUUU 17

RESULT 1054  
US-10-156-306-526  
Sequence 526, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 526  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-526

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 23.5%; Pred. No. 7.7e+02;  
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 433 TTTTATTTTATTTT 449  
:::|:||||:|:||||:  
Db 1 UUUUUUUUUUUUAAGA 17

RESULT 1055

US-10-156-306-527  
Sequence 527, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 527  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-527

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 29.4%; Pred. No. 7.7e+02;  
Matches 5; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

QY 434 TTTATTTTATTTT 450  
:::|:||||:|:||||:  
Db 1 UUUUUUUUUUUUAAGC 17

RESULT 1056  
US-10-156-306-528  
Sequence 528, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 528  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-528

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 35.3%; Pred. No. 7.7e+02;  
Matches 6; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

QY 435 TTTATTTTATTTT 451  
:::|:||||:|:||||:  
Db 1 UUUUUUUUUUUUAAGCA 17

RESULT 1057  
US-10-156-306-534  
Sequence 534, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: MCSwigen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 534  
LENGTH: 17

TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-534

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 7.7e+02;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 933 CACTCTGTATCCAGGC 949  
DB 1 CGCUCUGUGCCAGGC 17

RESULT 1058  
US-10-156-306-536  
Sequence 536, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 536  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-536

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 7.7e+02;  
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 663 CGCATCTTGCTCACT 679  
DB 1 CACAGUCUGGCUCAU 17

RESULT 1059  
US-10-156-306-541  
Sequence 541, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 541  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-541

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 7.7e+02;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 687 CTGCTCCCGGTTCAA 703  
DB 1 CUGCCUCUGGCUCAA 17

RESULT 1060  
US-10-156-306-546

Sequence 546, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 546  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-546

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 7.7e+02;  
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 704 GTATTCCTGCCCCA 720  
DB 1 GUGAUCUCUGCCUCA 17

RESULT 1061  
US-10-156-306-552  
Sequence 552, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 552  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-552

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 47.1%; Pred. No. 7.7e+02;  
Matches 8; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1060 ACCCGCTATTGTT 1076  
DB 1 ACCCAACUAAUUUUUGU 17

RESULT 1062  
US-10-156-306-565  
Sequence 565, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 565  
LENGTH: 17  
TYPE: RNA

! ORGANISM: Homo sapiens  
US-10-156-306-565

```
Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 7.7e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      1091 CGGGGTTTCACCATATT 1107
          |||::|||: ::
Db       1 CAGGGUUUCACCAUGUU 17
```

RESULT 1063

```

US-10-156-508-572
? Sequence 572, Application US/10156306
? Publication No. US20030119017A1
? GENERAL INFORMATION:
? APPLICANT: Ribozyme Pharmaceuticals,
? APPLICANT: McSwiggen, James
? TITLE OF INVENTION: Enzymatic Nucleic
? TITLE OF INVENTION: Levels of IKK- $\beta$ 
? FILE REFERENCE: MBIB01-664-A (400/0505
? CURRENT APPLICATION NUMBER: US/10/15
? CURRENT FILING DATE: 2002-05-28
? NUMBER OF SEQ ID NOS: 8013
? SOFTWARE: PatentIn version 3.0
? SEQ ID NO 572
? LENGTH: 17
? TYPE: RNA
? ORGANISM: Homo sapiens
US-10-156-306-572

```

Query Match	1.4%	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	76.5%;	Pred. No. 7.7e+02;		
Matches	13;	Conservative	2;	Mismatches 2;
				Indels 0;
				Gaps 0;

QY	362	CAAGCAGTCCACTGCC	378
		:     :	
Db	1	CAAGTAAUCCACCTGCC	17

RESULT 1064  
US-10-156-306-576

```

Sequence 576:Application US/10156306
Publication No. US20030113017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Mcds19gen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 576
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-576

```

Query Match	1.4%	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	64.7%;	Pred. No. 7.7e+02;		
Matches	11;	Conservative	4;	Mismatches 2;
			Indels	0;
			Gaps	0

```

QY      395 CTGGATTACAGCGTG 411
          |||||::|||:|
Db      1  CUGGAUUA CAGGAUG 17

```

RESULT 1065  
US-10-156-306-1650  
; Sequence 1650, Application US/10156306

Publication No. US20030119017A1

```

: GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: McSisgen, James
: TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
: TITLE OF INVENTION: Levels of IKK-Gamma and PKR
: FILE REFERENCE: MBH01-664-A (400/050)
: CURRENT APPLICATION NUMBER: US/10/156,306
: CURRENT FILING DATE: 2002-05-28

```

Query Match	1.4%	Score 13.8	DB 1	Length 17
Best Local Similarity	52.9%	Pred. No. 7	7e+02	
Matches 9	Conservative 6	Mismatches 2	Indels 0	Gaps 0

```

Qy      930 TCTACTCTGTTACCA 946
          :|:|:|:|:|
Db      1 UCUCGUCUGUGCCCA 17

```

RESULT 1066

```

US-10-156-306-1667
Sequence 1667, Application US/10156300
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Rhozyme Pharmaceuticals,
APPLICANT: MosbyGenex, James
TITLE OF INVENTION: Enzymatic Nuclease
TITLE OF INVENTION: Leveled Ixk-Gcd
FILE REFERENCE: MEH01-664-A (400/05/05)
CURRENT APPLICATION NUMBER: US/10/156
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1667
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1667

```

Query Match	1.4%	Score	13.8	DB 1	Length	17			
Best Local Similarity	58.8%	Pred. Nc	7.7e+02						
Matches	10	Conservative	5	Mismatches	2	Indels	0	Gaps	0

QY 686 TCTGCCCTCCCGGGTCA 702  
:|:|:|:|:|:|:|:|:|  
Db 1 UCUGCCUCUUGGGUUA 17

RESULT 1067

```

US-10-156-306-1669
; Sequence 1669, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Mcswiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1669
;
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

```

US-10-156-306-1669

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 7.7e+02;  
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 703 AGTATCTCGTGGCC 719  
||:||||:|||||  
Db 1 AGUAGUUCUCCUGCCUC 17

RESULT 1068

US-10-156-306-1681  
; Sequence 1681, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1681  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1681

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 7.7e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 871 TTACAGCGGTGAGCCAC 887  
::|||||:|||||  
Db 1 UUACAGGCACUGGCCAC 17

RESULT 1069

US-10-156-306-1690  
; Sequence 1690, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1690  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1690

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 7.7e+02;  
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1059 CACCCCGCTATTGTTG 1075  
|||||:||||:|||||  
Db 1 CACCCACACUAAUUUUUG 17

RESULT 1070  
US-10-156-306-1693  
; Sequence 1693, Application US/10156306  
; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1693  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1693

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 7.7e+02;  
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 792 GGGTTCACCATGTCGC 808  
||:|||||:|||||  
Db 1 GGUUCCACCAUGUGGCC 17

RESULT 1071

US-10-156-306-1694  
; Sequence 1694, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1694  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1694

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 7.7e+02;  
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 191 GTTCTCCATGTTGTC 207  
||:|||||:|||||  
Db 1 GUUCCACCAUGUGGCC 17

RESULT 1072

US-10-156-306-1706  
; Sequence 1706, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1706  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1706

```
Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      363 AACGAGTCACCGGCTC 379
      ||| | :||| :||| :|||
Db      1 AAGUAAUCCACCGGCTC 17

RESULT 1073
US-10-156-306-1707
; Sequence 1707, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1707
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1707

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      364 AGCAGTCACCGGCTC 380
      ||| | :||| :||| :|||
Db      1 AGUAAUCCACCGGCTC 17

RESULT 1074
US-10-156-306-1709
; Sequence 1709, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1709
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1709

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      367 AGTCACCGGCTCAGC 383
      ||| | :||| :||| :|||
Db      1 AAUCCACCGGCTCAGC 17

RESULT 1075
US-10-156-306-1718
; Sequence 1718, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1718
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1718

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      867 GGGATTACGGCGGTGAG 883
      ||| | :||| :||| :|||
Db      1 GGGAAUACAGGAGGAG 17

RESULT 1076
US-10-156-306-1721
; Sequence 1721, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1721
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1721

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.7e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      880 TGAGCCACCGGCGCG 896
      ||| | :||| :||| :|||
Db      1 UGAGCCACCGGCGCG 17

RESULT 1077
US-10-156-306-2388
; Sequence 2388, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2388
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2388
```



```
Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 7.7e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      931 CTCACCTGTATCCAG 947
      ||:||||:||||
Db      1 CUCGCUCUGUCCCGC 17

RESULT 1078
US-10-156-306-2403
; Sequence 2403, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2403
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2403

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      869 GATTACAGCGGTAGCC 885
      ||:||||:||||
Db      1 GAUUAAGAGCAUGUCC 17

RESULT 1079
US-10-156-306-2406
; Sequence 2406, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2406
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2406

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 7.7e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY      1067 TAATTTTGTATTTCA 1083
      ||:||||:||||
Db      1 UAUUUUUGUGUUUUA 17

RESULT 1080
US-10-156-306-2419
; Sequence 2419, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
```

```
APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2419
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2419

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      881 GAGCCACGCGCCCGC 897
      ||:||||:||||
Db      1 GAGCCACGCGCCCGC 17

RESULT 1081
US-10-156-306-2877
; Sequence 2877, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2877
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2877

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 7.7e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY      615 TTTTGACAGAGTCT 631
      ||:||||:||||
Db      1 UUUUAAAGACAGAGUCU 17

RESULT 1082
US-10-156-306-2889
; Sequence 2889, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2889
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2889

Query Match      1.4%; Score 13.8; DB 1; Length 17;
```

Query Match	1.4%;	Score 13.8;	DB 1;	Length 17
Best Local Similarity	70.6%;	Pred. No. 7.7e+02;		

Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 868 GGATTACAGCGCTGAGC 884  
||:|||||:|  
Db 1 GGAUACAGGAGUAGCC 17

RESULT 1088  
US-10-156-306-3789  
; Sequence 3789, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MHB01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3789  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-3789

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 7.7e+02;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 317 TGAACAGCGCTTTCAC 333  
:|:|||||:|  
Db 1 UAAAGACAGGAGUUCAC 17

RESULT 1089  
US-10-156-306-3799  
; Sequence 3799, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MHB01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3799  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-3799

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 7.7e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 868 GGATTACAGCGCTGAGC 884  
||:|||||:|  
Db 1 GGAUACAGGAGUAGCC 17

RESULT 1090  
US-10-156-306-3800  
; Sequence 3800, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MHB01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3800  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-3800

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 7.7e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 869 GATTACAGCGCTGAGCC 885  
||:|||||:|  
Db 1 GAUACAGGAGUAGCC 17

RESULT 1091  
US-10-156-306-3801  
; Sequence 3801, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MHB01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3801  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-3801

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 7.7e+02;  
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 870 ATTACAGCGCTGAGCCA 886  
||:|||||:|  
Db 1 AUAACAGGAGUAGCCA 17

RESULT 1092  
US-10-156-306-7075  
; Sequence 7075, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MHB01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 7075  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-7075

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.7e+02;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 469 CCCAGGATGAAGTCAG 485  
|||:|||||  
Db 1 CCCAGGAUGAAGGCTUG 17

```

RESULT 1093
US-10-238-700-681
? Sequence 681, Application US/10238700
? Publication No. US20030153521A1
? GENERAL INFORMATION:
? APPLICANT: Ribozyme Pharmaceuticals, Inc.
? APPLICANT: McSwiggen, James
? TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
? FILE REFERENCE: 400/057 (MHB01-1158-A)
? CURRENT APPLICATION NUMBER: US/10/238,700
? CURRENT FILING DATE: 2002-09-18
? PRIOR APPLICATION NUMBER: PCT/US 02/16840
? PRIOR FILING DATE: 2002-05-29
? PRIOR APPLICATION NUMBER: US 60/318,471
? PRIOR FILING DATE: 2001-09-10
? NUMBER OF SEQ ID NOS: 4656
? SOFTWARE: PatentIn version 3.0
? SEQ ID NO 681
? LENGTH: 17
? TYPE: RNA
? ORGANISM: Homo sapiens
US-10-238-700-681

```

Query Match	1.4%	Score 13.8	DB 1	length 17
Best Local Similarity	76.5%	Pred. No. 7.7e+02		
Matches 13, Conservative	2	Mismatches 2	Indels 0	Gaps 0

QY 651 GGAGTGCAGTGGCCAA 667  
||| : |||| : |||| |  
Db 1 GGAUUGCAGU GCCCA 17

```

RESULT 1094
US-10-238-700-932/C
; Sequence 932, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: MGSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 932
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-932

```

Query Match	1.4%	Score 13.8	DB 1	Length 17
Best Local Similarity	88.2%	Pred. No. 7.7e+02		
Matches 15, Conservative	0	Mismatches 2	Indels 0	Gaps 0

Qy	160	TAATTTTGTATTTTTT	176
Db	17	TAATTTAGTCTTTTTTT	1

RESULT 1095  
US-10-339-782-317/c  
; Sequence 317, Application US/10339782

```

: Publication No. US20030166026A1
:
: GENERAL INFORMATION:
:
: APPLICANT: Lynx Therapeutic, Inc.
:
: APPLICANT: Goodman, Laurie J
:
: APPLICANT: Bowen, Benjamin A
:
: TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
:
: FILE REFERENCE: 37-000110US
:
: CURRENT APPLICATION NUMBER: US/10/339,782
:
: CURRENT FILING DATE: 2003-01-08
:
: NUMBER OF SEQ ID NOS: 495
:
: SOFTWARE: PatentIn version 3.1
:
: SEQ ID NO 317
:
: LENGTH: 17
:
: TYPE: DNA
:
: ORGANISM: Homo sapiens
:
: US-10-339-782-317

```

Query Match	1.4%	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	88.2%	Pred. No. 7.7e+02;		
Matches 15; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0

Qy	224	CCGACCTCAGATGATC	240
Db	17	CCTGACCTCAGGTGATC	1

```

RESULT 1096
US-10-339-793-23/c
; Sequence 23, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-23

```

Query Match	1.4%	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	88.2%	Pred. No. 7.7e+02;		
Matches 15; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0

```

QY      479 AGTCAGTGGTGTGATC 495
          ||| ||||| |||||
Db      17 AGTTCAGTGGCGTGATC 1

```

```

RESULT 1097
US-10-339-793-75/c
: Sequence 75, Application US//10339793
: Publication No. US20030180764A1
:
: GENERAL INFORMATION:
:
: APPLICANT: Lynx Therapeutics, Inc.
: APPLICANT: Shang, Jin
: APPLICANT: Bowen, Benjamin
: TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
: FILE REFERENCE: 37-000310US
: CURRENT APPLICATION NUMBER: US/10/339,793
: CURRENT FILING DATE: 2003-01-08
: NUMBER OF SEQ ID NOS: 443
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 75
:
: LENGTH: 17
:
: TYPE: DNA
:
: ORGANISM: Homo sapiens

```

US-10-339-793-75

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 479 AGTGCAGTGGTGTATC 495  
DB 17 AGTGCAGTGGTGTATC 1

RESULT 1098

US-10-338-777-217/c  
Sequence 217, Application US/10338777  
Publication No. US20030188343A1  
GENERAL INFORMATION:  
APPLICANT: Lynx Therapeutics, Inc.  
APPLICANT: United States Department of Agriculture  
APPLICANT: Bowen, Benjamin A  
APPLICANT: Haudenschild, Christian D  
APPLICANT: Buckler, Edward S  
TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants  
FILE REFERENCE: 37-000510US  
CURRENT APPLICATION NUMBER: US/10/338,777  
CURRENT FILING DATE: 2003-01-07  
NUMBER OF SEQ ID NOS: 405  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 217  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Arabidopsis thaliana  
US-10-338-777-217

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 802 TGTTGCCAGGTGTATC 818  
DB 17 TGTTGCCAGGTGTATC 1

RESULT 1099

US-10-091-281-118  
Sequence 118, Application US/10091281  
Publication No. US20030190617A1  
GENERAL INFORMATION:  
APPLICANT: RAYMOND, VINCENT  
APPLICANT: ST, ERWIN  
APPLICANT: MORISSETTE, JEAN  
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
FILE REFERENCE: 13587.338  
CURRENT APPLICATION NUMBER: US/10/091,281  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 463  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 118  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Putative XBBP/RFX1.01 motif  
US-10-091-281-118

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 670 TTGGCTACTGCAACT 686  
DB 1 TTGGCTACTGCAACT 17

RESULT 1100

US-10-430-882-728/c  
Sequence 728, Application US/10430882  
Publication No. US20030203870A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Lawrence Blatt  
APPLICANT: James McSwiggan  
APPLICANT: Bharat Chowdria  
APPLICANT: Peter Haeblerli  
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
FILE REFERENCE: MBH00-878-H (400/112)  
CURRENT APPLICATION NUMBER: US/10/430,882  
CURRENT FILING DATE: 2003-05-06  
PRIOR APPLICATION NUMBER: 09/827,395  
PRIOR FILING DATE: 2001-04-05  
PRIOR APPLICATION NUMBER: 09/780,533  
PRIOR FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: PCT/US01/04273  
PRIOR FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: 60/181,797  
PRIOR FILING DATE: 2000-02-11  
PRIOR APPLICATION NUMBER: PCT/US02/10512  
PRIOR FILING DATE: 2002-04-03  
NUMBER OF SEQ ID NOS: 2617  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 728  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-430-882-728

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 339 TGCCGAGCTGTCTCC 355  
DB 17 TGCCGAGCTGTCTTC 1

RESULT 1101

US-10-291-808-63  
Sequence 63, Application US/10291808  
Publication No. US20030224382A1  
GENERAL INFORMATION:  
APPLICANT: McCelland, Michael  
APPLICANT: Welsh, John  
APPLICANT: Trenkle, Thomas  
TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of  
FILE REFERENCE: P-PH 3457  
CURRENT APPLICATION NUMBER: US/10/291,808  
CURRENT FILING DATE: 2002-11-07  
PRIOR APPLICATION NUMBER: US/09/300,958  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/083,331  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/098,070  
PRIOR FILING DATE: 1998-08-27  
PRIOR APPLICATION NUMBER: 60/118,624  
PRIOR FILING DATE: 1999-02-04  
NUMBER OF SEQ ID NOS: 85  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 63  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-291-808-63

Query Match 1.4%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 766 ATTTTGTATTTT 782  
Db 1 ATTTTGTATTTT 17

RESULT 1102  
US-10-457-839-28/c  
; Sequence 28, Application US/10457839  
; Publication No. US20040014115A1  
; GENERAL INFORMATION:  
; APPLICANT: Myriad Genetics, Incorporated  
; APPLICANT: Scholl, Thomas  
; APPLICANT: Hendrickson, Brant C  
; APPLICANT: Ward, Benjamin  
; APPLICANT: Pruss, Dmitry  
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof  
; FILE REFERENCE: 3002.03  
; CURRENT APPLICATION NUMBER: US/10/457,839  
; CURRENT FILING DATE: 2003-06-09  
; PRIOR APPLICATION NUMBER: 60/387,132  
; PRIOR FILING DATE: 2002-06-07  
; PRIOR APPLICATION NUMBER: 60/402,430  
; PRIOR FILING DATE: 2002-08-09  
; NUMBER OF SEQ ID NOS: 93  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 28  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-457-839-28

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 671 TGGCTCACTGCAACCTC 687  
Db 17 TGGCTCACTGAAACCTC 1

RESULT 1103  
US-10-455-552-19  
; Sequence 19, Application US/10455552  
; Publication No. US2004001853A1  
; GENERAL INFORMATION:  
; APPLICANT: Adam, Gail Isabel  
; APPLICANT: Langdon, Maria  
; APPLICANT: Roch, Richard  
; APPLICANT: Denisenko, Mikhail  
; APPLICANT: Smylie, Kevin  
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT  
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT  
; FILE REFERENCE: 52459-20030.00  
; CURRENT APPLICATION NUMBER: US/10/455,552  
; CURRENT FILING DATE: 2003-06-04  
; PRIOR APPLICATION NUMBER: US 60/386,012  
; PRIOR FILING DATE: 2002-06-04  
; NUMBER OF SEQ ID NOS: 98  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 19  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Extension Oligonucleotide  
US-10-455-552-19

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 731 TAGCTGGAGCTACAGGC 747  
Db 1 TAGCTGGAGTACAGAC 17

RESULT 1104  
US-10-675-685-851/c  
; Sequence 851, Application US/10675685  
; Publication No. US20040063134A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: PB0114  
; CURRENT APPLICATION NUMBER: US/10/675,685  
; CURRENT FILING DATE: 2003-09-30  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 851  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-675-685-851

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 890 CGCCCGCTTATTTT 906  
Db 17 CGCCAGCTTATTTT 1

RESULT 1105  
US-10-138-674-1074  
; Sequence 1074, Application US/10138674  
; Publication No. US20040077565A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwigen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/138,674  
; CURRENT FILING DATE: 2002-05-03  
; NUMBER OF SEQ ID NOS: 20822  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1074  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-138-674-1074

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 5.9%; Pred. No. 7.7e+02;  
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

Qy 426 CTTTATTTTATTTT 442  
Db 1 CUUUUUUUUUUUUU 17

RESULT 1106  
US-10-138-674-1347

```
; Sequence 1347, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1347
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1347

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 7.7e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY      902 TTTTAAATTTTGTGTTGT 918
Db      1 UUCACUUUUUUUUUUUU 17

RESULT 1107
US-10-138-674-1348
; Sequence 1348, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1348
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1348

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 7.7e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY      903 TTTTAAATTTTGTGTTGT 919
Db      1 UUCACUUUUUUUUUUUU 17

RESULT 1108
US-10-138-674-1349
; Sequence 1349, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
```

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; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1349
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1349

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 7.7e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY      904 TTTTAAATTTTGTGTTGT 920
Db      1 UUCACUUUUUUUUUUUU 17

RESULT 1109
US-10-138-674-4780
; Sequence 4780, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4780
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-4780

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      574 TGCACCACTACACCTCG 590
Db      1 UGCAGCACUACACACUGG 17

RESULT 1110
US-10-324-409B-16/c
; Sequence 16, Application US/10324409B
; Publication No. US20040086880A1
; GENERAL INFORMATION:
; APPLICANT: Sampson, et al.
; TITLE OF INVENTION: Method of Producing Nucleic Acid Molecules with Reduced
; TITLE OF INVENTION: Secondary Structure
; FILE REFERENCE: 2003309-0028
; CURRENT APPLICATION NUMBER: US/10/324,409B
; CURRENT FILING DATE: 2002-12-18
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Anneal Primer
US-10-324-409B-16
```

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 444  
 17 TTTTATTTTATTTT 1

RESULT 1111  
 US-10-287-949A-1074  
 ; Sequence 1074, Application US/10287949A  
 ; Publication No. US20040102389A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwigen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MHB00-876-N (400/049)  
 ; CURRENT APPLICATION NUMBER: US/10/287,949A  
 ; CURRENT FILING DATE: 2003-04-11  
 ; NUMBER OF SEQ ID NOS: 20822  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1074  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-10-287-949A-1074

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 5.9%; Pred. No. 7.7e+02;  
 Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

QY 426 CTTTATTTTATTTT 442  
 1 CUUUUUUUUUUUUUUU 17

RESULT 1112  
 US-10-287-949A-1347  
 ; Sequence 1347, Application US/10287949A  
 ; Publication No. US20040102389A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwigen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MHB00-876-N (400/049)  
 ; CURRENT APPLICATION NUMBER: US/10/287,949A  
 ; CURRENT FILING DATE: 2003-04-11  
 ; NUMBER OF SEQ ID NOS: 20822  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1347  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-10-287-949A-1347

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 17.6%; Pred. No. 7.7e+02;  
 Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 902 TTTTATTTTGTGTTGT 918  
 1 UUCACUUUUUUUUUUUU 17

RESULT 1113  
 US-10-287-949A-1348  
 ; Sequence 1348, Application US/10287949A  
 ; Publication No. US20040102389A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwigen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MHB00-876-N (400/049)  
 ; CURRENT APPLICATION NUMBER: US/10/287,949A  
 ; CURRENT FILING DATE: 2003-04-11  
 ; NUMBER OF SEQ ID NOS: 20822  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1348  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-10-287-949A-1348

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 17.6%; Pred. No. 7.7e+02;  
 Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 903 TTTTATTTTGTGTTGT 919  
 1 UUCACUUUUUUUUUUUU 17

RESULT 1114  
 US-10-287-949A-1349  
 ; Sequence 1349, Application US/10287949A  
 ; Publication No. US20040102389A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwigen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MHB00-876-N (400/049)  
 ; CURRENT APPLICATION NUMBER: US/10/287,949A  
 ; CURRENT FILING DATE: 2003-04-11  
 ; NUMBER OF SEQ ID NOS: 20822  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1349  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-10-287-949A-1349

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 17.6%; Pred. No. 7.7e+02;  
 Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 904 TTTTATTTTGTGTTGT 920  
 1 UUCACUUUUUUUUUUUU 17

RESULT 1115  
 US-10-287-949A-4780  
 ; Sequence 4780, Application US/10287949A  
 ; Publication No. US20040102389A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwigen, Jim



```
;; APPLICANT: Stinchcomb, Dan
;; APPLICANT: Escobedo, Jaime
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
;; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
;; FILE REFERENCE: MBH00-876-N (400/049)
;; CURRENT APPLICATION NUMBER: US/10/287,949A
;; CURRENT FILING DATE: 2003-04-11
;; NUMBER OF SEQ ID NOS: 20822
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 4780
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-10-287-949A-4780

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      574 TGCACCTACACTGCG 590
Db      1 UGCAGCACUACACAGG 17

RESULT 1116
US-10-723-361-6546/c
; Sequence 6546, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6546

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY      369 TCCACCTGCTCAGCCT 385
Db      17 TCCACCTGCCCCAGCCT 1

RESULT 1117
US-10-723-361-6547/c
; Sequence 6547, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART P
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6547
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6547

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      368 GTCACCTGCTCAGCC 384
Db      17 GTCACCTGCCCCAGGC 1

RESULT 1118
US-10-723-361-8863/c
; Sequence 8863, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
; FILE REFERENCE: PB0105
```

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; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 8863
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-8863

```

```

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy      197 CCAGTGTCTCTGAGGCTG 213
Db      17 CCATCTGATCAGGCTG 1

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RESULT 1119
US-10-723-361-9424/c
; Sequence 9424, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665

```

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 9424
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-9424

```

```

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy      346 GCTGTCTCTGAGGCTC 362
Db      17 GCTGTCTCTGAGGCTC 1

```

```

RESULT 1120
US-10-723-361-9427/c
; Sequence 9427, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 9427
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-9427

```

```

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy      343 CAAGCTGTCTCTGAG 359
Db      17 CAGCTGTCTCTGAG 1

```

```
RESULT 1121
US-10-735-592-8
; Sequence 8, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPB Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-8

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 86.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 444
Db      1 TTTTATTTTATTTT 17

RESULT 1122
US-10-735-592-46/c
; Sequence 46, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPB Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 46
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-46

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 86.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      433 TTTTATTTTATTTT 449
Db      17 TTTTATTTTATTTT 17

RESULT 1123
US-10-735-592-49
; Sequence 49, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPB Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
```

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; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-49

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 7.7e+02;
Matches 0; Conservative 15; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 444
Db      1 UUUUUUUUUUUUUUU 17

RESULT 1124
US-10-731-739-255/c
; Sequence 255, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: PasteSeq for Windows Version 4.0
; SEQ ID NO 255
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-255

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 86.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      994 CCGGGCTCAAGCGATTC 1010
Db      17 CTGGGTTCAAGCGATTC 1

RESULT 1125
US-10-731-739-530
; Sequence 530, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
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; PRIOR FILING DATE: 1999-01-13  
 ; PRIOR APPLICATION NUMBER: US 60/071,449  
 ; PRIOR FILING DATE: 1998-01-13  
 ; PRIOR APPLICATION NUMBER: US 60/105,511  
 ; PRIOR FILING DATE: 1998-10-23  
 ; NUMBER OF SEQ ID NOS: 641  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 530  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-10-731-739-530

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 996 GGGCTCAGCGATTCTC 1012  
 DB 1 GCGCTCAGCGATTCTC 17

RESULT 1126  
 ; US-10-241-151-2  
 ; Sequence 2, Application US/10241151  
 ; Publication No. US2003014799A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: International Genomics, Inc.  
 ; APPLICANT: No. US2003014799A1otny, Volker  
 ; TITLE OF INVENTION: Single Nucleotide Polymorphisms and Methods Therefor  
 ; FILE REFERENCE: 8549-000002/US  
 ; CURRENT APPLICATION NUMBER: US/10/241,151  
 ; CURRENT FILING DATE: 2002-09-11  
 ; NUMBER OF SEQ ID NOS: 5  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 2  
 ; LENGTH: 61  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-10-241-151-2

Query Match 1.4%; Score 13.8; DB 1; Length 61;  
 Best Local Similarity 55.8%; Pred. No. 8.1e+02;  
 Matches 24; Conservative 1; Mismatches 18; Indels 0; Gaps 0;

QY 384 CTCCTCAAGTCTGCTGATTACAGGCGTGCAGCCGCTGCTGCGC 426  
 DB 19 CTGCACTGAGCTGAGATCCGCCACTGCACTCCAGCCTGGGC 61

RESULT 1127  
 ; US-10-733-116-2  
 ; Sequence 2, Application US/10733116  
 ; Publication No. US20040126800A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: International Genomics, Inc.  
 ; APPLICANT: Nowotny, Volker  
 ; TITLE OF INVENTION: Single Nucleotide Polymorphisms and Methods Therefor  
 ; FILE REFERENCE: 8549-000002/US  
 ; CURRENT APPLICATION NUMBER: US/10/733,116  
 ; CURRENT FILING DATE: 2003-12-11  
 ; NUMBER OF SEQ ID NOS: 5  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 2  
 ; LENGTH: 61  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-10-733-116-2

Query Match 1.4%; Score 13.8; DB 1; Length 61;  
 Best Local Similarity 55.8%; Pred. No. 8.1e+02;  
 Matches 24; Conservative 1; Mismatches 18; Indels 0; Gaps 0;

QY 384 CTCCTCAAGTCTGCTGATTACAGGCGTGCAGCCGCTGCTGCGC 426  
 DB 19 CTGCACTGAGCTGAGATCCGCCACTGCACTCCAGCCTGGGC 61

RESULT 1128  
 ; US-10-453-827-207  
 ; Sequence 207, Application US/10453827  
 ; Publication No. US20040033582A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bristol-Myers Squibb Company  
 ; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS  
 ; FILE REFERENCE: D0211 NP  
 ; CURRENT APPLICATION NUMBER: US/10/453,827  
 ; CURRENT FILING DATE: 2003-06-03  
 ; PRIOR APPLICATION NUMBER: U.S. 60/384,980  
 ; PRIOR FILING DATE: 2002-06-03  
 ; NUMBER OF SEQ ID NOS: 1219  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 207  
 ; LENGTH: 41  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-10-453-827-207

Query Match 1.4%; Score 13.6; DB 1; Length 41;  
 Best Local Similarity 67.9%; Pred. No. 1.1e+03;  
 Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 481 TGCAGTGTGTGATCAGCTCAGCTCA 508  
 DB 2 TGCAGTGTGATGATCGCCCACTGCA 29

RESULT 1129  
 ; US-10-010-802-4/c  
 ; Sequence 4, Application US/10010802  
 ; Publication No. US20030078220A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Genalsance Pharmaceuticals  
 ; APPLICANT: Chew, Anne  
 ; APPLICANT: Denton, R. Rex  
 ; APPLICANT: Duda, Amy  
 ; APPLICANT: Nandabalan, Krishnan  
 ; APPLICANT: Stephens, J. Claiborne  
 ; TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin  
 ; FILE REFERENCE: MMH-0002US2 114R alpha  
 ; CURRENT APPLICATION NUMBER: US/10/010,802  
 ; CURRENT FILING DATE: 2001-11-09  
 ; PRIOR APPLICATION NUMBER: PCT/US00/19094  
 ; PRIOR FILING DATE: 2000-07-13  
 ; NUMBER OF SEQ ID NOS: 413  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 4  
 ; LENGTH: 15  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-10-010-802-4

Query Match 1.4%; Score 13.4; DB 1; Length 15;  
 Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 653 AGTCAGTGGCGCA 667  
 DB 15 AGTCAGTGGTCA 1

RESULT 1130  
 ; US-10-010-802-83  
 ; Sequence 83, Application US/10010802

```
;; Publication No. US20030078220A1
;; GENERAL INFORMATION:
;; APPLICANT: Genaisance Pharmaceuticals
;; APPLICANT: Chew, Anne
;; APPLICANT: Denton, R. Rex
;; APPLICANT: Duda, Amy
;; APPLICANT: Nandabalan, Krishnan
;; APPLICANT: Stephens, J. Claiborne
;; APPLICANT: Windemuth, Andreas
;; TITLE OF INVENTION: Drug Target Isoforms: Polymorphisms in the Interleukin
;; FILE REFERENCE: MMH-0002US2 IL4R alpha
;; CURRENT APPLICATION NUMBER: US/10/010,802
;; PRIOR FILING DATE: 2001-11-09
;; PRIOR APPLICATION NUMBER: PCT/US00/19094
;; NUMBER OF SEQ ID NOS: 413
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 83
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-010-802-83

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      647 GGCTGAGTGCAGTG 661
Db      1 GGCTGAGTGCAGCG 15

RESULT 1131
US-10-091-281-127/C
;; Sequence 127, Application US/10091281
;; Publication No. US20030190617A1
;; GENERAL INFORMATION:
;; APPLICANT: RAYMOND, VINCENT
;; APPLICANT: SI, ERWIN
;; APPLICANT: MORISSETTE, JEAN
;; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
;; FILE REFERENCE: 13587.338
;; CURRENT APPLICATION NUMBER: US/10/091,281
;; CURRENT FILING DATE: 2002-03-06
;; NUMBER OF SEQ ID NOS: 463
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 127
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; OTHER INFORMATION: Putative TBP/TATA.01 motif
US-10-091-281-127

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      589 GGCTAATTTTATTT 603
Db      15 GGCTAATTTTATAT 1

RESULT 1132
US-10-091-281-357/C
;; Sequence 357, Application US/10091281
;; Publication No. US20030190617A1
;; GENERAL INFORMATION:
;; APPLICANT: RAYMOND, VINCENT
;; APPLICANT: SI, ERWIN
;; APPLICANT: MORISSETTE, JEAN
;; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
```

```
;; FILE REFERENCE: 13587.338
;; CURRENT APPLICATION NUMBER: US/10/091,281
;; CURRENT FILING DATE: 2002-03-06
;; NUMBER OF SEQ ID NOS: 463
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 357
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; OTHER INFORMATION: Putative HNF4/HNF4.02 motif
US-10-091-281-357

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      828 GGACCTGTGATCTG 842
Db      15 GGACCTTGCGATCTG 1

RESULT 1133
US-10-160-388-23/C
;; Sequence 23, Application US/10160388
;; Publication No. US20040072161A1
;; GENERAL INFORMATION:
;; APPLICANT: Genaisance Pharmaceuticals, Inc.
;; APPLICANT: Monroe, Glen
;; APPLICANT: Bieglecki, Karyn
;; APPLICANT: Sanchis, Angela
;; APPLICANT: Shah, Nisha
;; TITLE OF INVENTION: HAPLOTYPES OF THE F2RL1 GENE
;; FILE REFERENCE: F2RL1 MMH-1785US
;; CURRENT APPLICATION NUMBER: US/10/160,388
;; CURRENT FILING DATE: 2002-05-30
;; PRIOR APPLICATION NUMBER: PCT/US01/46475
;; PRIOR FILING DATE: 2001-11-13
;; PRIOR APPLICATION NUMBER: 60/247,516
;; NUMBER OF SEQ ID NOS: 51
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 23
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-160-388-23

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      635 CTCGTGACCCAGGC 649
Db      15 CScGTGACCCAGGC 1

RESULT 1134
US-09-784-423-127/C
;; Sequence 127, Application US/09784423
;; Patent No. US20020012924A1
;; GENERAL INFORMATION:
;; APPLICANT: Schumm, James W.
;; APPLICANT: Bacher, Jeffery W.
;; TITLE OF INVENTION: MATERIALS AND METHODS FOR
;; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
;; REPEAT DNA MARKERS
;; NUMBER OF SEQUENCES: 147
;; CORRESPONDENCE ADDRESSES:
;; ADDRESSER: Promega Corporation
;; STREET: 2800 Woods Hollow Road
;; CITY: Madison
;; STATE: Wisconsin
```

COUNTRY: U.S.A.  
ZIP: 53711-5399  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,423  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: <unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/018,584  
FILING DATE: 04-Feb-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29,018  
REFERENCE/DOCKET NUMBER: 16026,9180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-3501  
TELEFAX: (608) 257-2275  
INFORMATION FOR SEQ ID NO: 127  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 127  
US-09-784-423-127

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 651 GGAATGAGTGGCCG 665  
DB 15 GGAATGAGTGGCCG 1

RESULT 1135  
US-09-829-855-171  
; Sequence 171, Application US/09829855  
; Patent No. US20020065609A1  
; GENERAL INFORMATION:  
; APPLICANT: Matthew, Ashby N.  
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
; FILE REFERENCE: ASHBY-1  
; CURRENT APPLICATION NUMBER: US/09/829,855  
; PRIOR FILING DATE: 2001-04-10  
; PRIOR APPLICATION NUMBER: US 60/196063  
; PRIOR FILING DATE: 2000-04-10  
; PRIOR APPLICATION NUMBER: US 60/196258  
; PRIOR FILING DATE: 2000-04-11  
; NUMBER OF SEQ ID NOS: 244  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 171  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Desulfobacter curvatus  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (11)..(11)  
; OTHER INFORMATION: A, G, C or T  
US-09-829-855-171

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 7.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 333 CTGATGTCCTCACT 348  
DB 1 CTGCTGTGCTCACT 16

RESULT 1136  
US-10-098-939-6/c  
; Sequence 6, Application US/10098939  
; Publication No. US20030092157A1  
; GENERAL INFORMATION:  
; APPLICANT: Singaraja, Roshni  
; TITLE OF INVENTION: Compositions, Screening Systems, and Methods for Modulating HDL  
; FILE REFERENCE: 760050-62  
; CURRENT APPLICATION NUMBER: US/10/098,939  
; PRIOR FILING DATE: 2002-08-08  
; PRIOR APPLICATION NUMBER: US/60/276,387  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-098-939-6

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 227 GACCTCAGTATCC 241  
DB 15 GACCTCAGTATCC 1

RESULT 1137  
US-10-098-939-9/c  
; Sequence 9, Application US/10098939  
; Publication No. US20030092157A1  
; GENERAL INFORMATION:  
; APPLICANT: Singaraja, Roshni  
; APPLICANT: Hayden, Michael  
; TITLE OF INVENTION: Compositions, Screening Systems, and Methods for Modulating HDL  
; FILE REFERENCE: 760050-62  
; CURRENT APPLICATION NUMBER: US/10/098,939  
; PRIOR FILING DATE: 2002-08-08  
; PRIOR APPLICATION NUMBER: US/60/276,387  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-098-939-9

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 227 GACCTCAGTATCC 241  
DB 15 GACCTCAGTATCC 1

RESULT 1138  
US-10-164-915-3/c  
; Sequence 3, Application US/10164915  
; Publication No. US20030148391A1  
; GENERAL INFORMATION:  
; APPLICANT: Salatsky, Joshua S.  
; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1  
; FILE REFERENCE: 11100-035-999  
; CURRENT APPLICATION NUMBER: US/10/164,915



```
; Sequence 26, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-26
```

```
Query Match 1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 673 GCTCACTGCAACCTC 687
DB 16 GATCACTGCAACCTC 2
```

```
RESULT 1143
US-10-092-885-37/c
; Sequence 37, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-37
```

```
Query Match 1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 690 CCTCCCGGGTTCAAG 704
DB 15 CCTCCTGGGTTCAAG 1
```

```
RESULT 1144
US-10-092-885-38/c
; Sequence 38, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
```

```
; TITLE OF INVENTION: LIBRARIES OF CDNAS
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-38
```

```
Query Match 1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 673 GCTCACTGCAACCTC 687
DB 16 GATCACTGCAACCTC 2
```

```
RESULT 1145
US-10-092-885-39/c
; Sequence 39, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-39
```

```
Query Match 1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 690 CCTCCCGGGTTCAAG 704
DB 15 CCTCCTGGGTTCAAG 1
```

```
RESULT 1146
US-10-092-885-51/c
; Sequence 51, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 51
; LENGTH: 16
; TYPE: DNA
```



ORGANISM: Homo sapiens  
US-10-092-885-51

Query Match 1.4% Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 690 CCTCCCGGCTTCAG 704  
DB 16 CCTCCCGGCTTCAG 2

RESULT 1147  
US-10-138-674-6097  
Sequence 6097, Application US/10138674  
Publication No. US2004007565A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pawco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE REFERENCE: MHB00-876-N (400/049)  
CURRENT APPLICATION NUMBER: US/10/138,674  
CURRENT FILING DATE: 2002-05-03  
NUMBER OF SEQ ID NOS: 20822  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6097  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-138-674-6097

Query Match 1.4% Score 13.4; DB 1; Length 16;  
Best Local Similarity 20.0%; Pred. No. 7.7e+02;  
Matches 3; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTGTGTTGTA 922  
DB 2 UUUUGUUUUUUA 16

RESULT 1148  
US-10-287-949A-6097  
Sequence 6097, Application US/10287949A  
Publication No. US20040102389A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pawco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE REFERENCE: MHB00-876-N (400/049)  
CURRENT APPLICATION NUMBER: US/10/287,949A  
CURRENT FILING DATE: 2003-04-11  
NUMBER OF SEQ ID NOS: 20822  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6097  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-287-949A-6097

Query Match 1.4% Score 13.4; DB 1; Length 16;  
Best Local Similarity 20.0%; Pred. No. 7.7e+02;  
Matches 3; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

DB 2 UUUUGUUUUUUA 16

RESULT 1149  
US-10-607-077A-171  
Sequence 171, Application US/10607077A  
Publication No. US20040110183A1  
GENERAL INFORMATION:  
APPLICANT: Ashby, Matthew  
TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
FILE REFERENCE: ASHBY/1 DIV  
CURRENT APPLICATION NUMBER: US/10/607,077A  
CURRENT FILING DATE: 2003-06-25  
PRIOR APPLICATION NUMBER: US 09/829855  
PRIOR FILING DATE: 2001-04-10  
PRIOR APPLICATION NUMBER: PCT/US01/11609  
PRIOR FILING DATE: 2001-04-10  
PRIOR APPLICATION NUMBER: US 60/196063  
PRIOR FILING DATE: 2000-04-10  
PRIOR APPLICATION NUMBER: US 60/196258  
PRIOR FILING DATE: 2000-04-11  
NUMBER OF SEQ ID NOS: 244  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 171  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Desulfobacter curvatus  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (11)..(11)  
OTHER INFORMATION: A, G, C or T  
US-10-607-077A-171

Query Match 1.4% Score 13.4; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 333 CTGATGCCCCAGCT 348  
DB 1 CTGCTGTCCNAGCT 16

RESULT 1150  
US-10-731-739-549  
Sequence 549, Application US/10731739  
Publication No. US20040176582A1  
GENERAL INFORMATION:  
APPLICANT: Carulli, John P.  
APPLICANT: Little, Randall D.  
APPLICANT: Recker, Robert R.  
TITLE OF INVENTION: High bone mass gene of 11q13.3  
FILE REFERENCE: 032796-013  
CURRENT APPLICATION NUMBER: US/10/731,739  
CURRENT FILING DATE: 2003-12-10  
PRIOR APPLICATION NUMBER: US/09/544,398B  
PRIOR FILING DATE: 2002-06-10  
PRIOR APPLICATION NUMBER: US 09/229,319  
PRIOR FILING DATE: 1999-01-13  
PRIOR APPLICATION NUMBER: US 60/071,449  
PRIOR FILING DATE: 1998-01-13  
PRIOR APPLICATION NUMBER: US 60/105,511  
PRIOR FILING DATE: 1998-10-23  
NUMBER OF SEQ ID NOS: 641  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 549  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-731-739-549

Query Match 1.4% Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 642 ACCCAGCTGTGAGTG 656

Db 1 ACCCAGCTGTGAGTG 15

RESULT 1151

US-09-263-959-520/c

Sequence 520, Application US/09263959

Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: McMaisters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 520:

SEQUENCE CHARACTERISTICS:

LENGTH: 13 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-263-959-520

Query Match 1.3%; Score 13; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 6.8e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 429 TTTATTTATTTT 441

Db 13 TTTATTTATTTT 1

RESULT 1152

US-10-339-738-6

Sequence 6, Application US/10339738

Publication No. US20040180339A1

GENERAL INFORMATION:

APPLICANT: Press, Michael F.

APPLICANT: Safari, Bahman

TITLE OF INVENTION: ISOLATION AND CHARACTERIZATION OF ECAL,

TITLE OF INVENTION: A GENE OVEREXPRESSED IN ENDOMETRIOID CARCINOMAS OF OVARY AND

FILE REFERENCE: 13761-0758

CURRENT APPLICATION NUMBER: US/10/339,738

NUMBER OF SEQ ID NOS: 7

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 6

LENGTH: 13

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc\_binding

LOCATION: (1)..(13)

OTHER INFORMATION: ECAL also harbors a pair of identical 15 base

OTHER INFORMATION: pair line elements in the promoter region, which

OTHER INFORMATION: contains a portion of the putative TCF/LEF binding

OTHER INFORMATION: sequence.

FEATURE:

NAME/KEY: misc\_binding

LOCATION: (4)..(8)

OTHER INFORMATION: TCF/LEF DNA binding sequence

US-10-339-738-6

Query Match 1.3%; Score 13; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 6.8e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTG 397

Db 1 TCCCAAGTCTG 13

RESULT 1153

US-09-263-959-416/c

Sequence 416, Application US/09263959

Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: McMaisters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 416:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-263-959-416

Query Match 1.3%; Score 13; DB 1; Length 14;

Best Local Similarity 100.0%; Pred. No. 7.2e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 429 TTTATTTATTTT 441

Db 14 TTTATTTATTTT 2

```
RESULT 1154
US-10-287-919-528/c
; Sequence 528, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 528
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (141377)..(141392)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 618
US-10-287-919-528

Query Match      1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      596 TTTTATTTTATT 608
Db      15 TTTTATTTTATT 3

RESULT 1155
US-10-287-919-1982/c
; Sequence 1982, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1982
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1196908)..(1196923)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 2532
US-10-287-919-1982

Query Match      1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      596 TTTTATTTTATT 608
Db      15 TTTTATTTTATT 3

RESULT 1156
US-10-197-019-27/c
; Sequence 27, Application US/10197019
; Publication No. US20030207284A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Gilson, Christopher Raleigh
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; TITLE OF INVENTION: HAPLOTYPES OF THE UCP2 GENE
```

```
FILE REFERENCE: MMH-0042US
; CURRENT APPLICATION NUMBER: US/10/197,019
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: PCT/US01/02485
; PRIOR FILING DATE: 2001-01-25
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-197-019-27

Query Match      1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 7.7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Oy      356 TGAGCTCAGCAGTC 370
Db      15 TSAGCTCAGCAGTC 1

RESULT 1157
US-09-918-686-102
; Sequence 102, Application US/09918686
; Patent No. US20020076720A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepert, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 102
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-686-102

Query Match      1.3%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      283 ACCATGCCCGGCT 295
Db      1 ACCATGCCCGGCT 13

RESULT 1158
US-10-287-919-1394/c
; Sequence 1394, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1394
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (688700)..(688714)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 173
US-10-287-919-1394
```



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; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20368
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20368

Query Match      1.3%; Score 13; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 9.9e+02;
Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      268 GATACAGAGCTGGCCACCATG 288
DB      1 GAGACGACGCTGGCCACCATG 21.

RESULT 1164
US-10-035-833A-1310/c
; Sequence 1310, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1310
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-1310

Query Match      1.3%; Score 13; DB 1; Length 41;
Best Local Similarity 61.3%; Pred. No. 1.1e+03;
Matches 19; Conservative 1; Mismatches 11; Indels 0; Gaps 0;

QY      452 CAGGTGTCCCACTCTTACCCAGGATGAAGTG 482
DB      40 CAGGAGATCACTTGAACTGGAGGACAGAG 10

RESULT 1165
US-10-035-833A-7567/c
; Sequence 7567, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7567
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-7567

Query Match      1.3%; Score 13; DB 1; Length 41;
Best Local Similarity 61.3%; Pred. No. 1.1e+03;
Matches 19; Conservative 1; Mismatches 11; Indels 0; Gaps 0;

QY      452 CAGGTGTCCCACTCTTACCCAGGATGAAGTG 482
```

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DB      40 CAGGAGATCACTTGAACTGGAGGACAGAG 10

RESULT 1166
US-10-035-833A-6019/c
; Sequence 6019, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6019
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6019

Query Match      1.3%; Score 13; DB 1; Length 41;
Best Local Similarity 61.3%; Pred. No. 1.1e+03;
Matches 19; Conservative 1; Mismatches 11; Indels 0; Gaps 0;

QY      818 CTGATCTCTGACCTTGATCTGCTGCC 848
DB      38 CCGAGTCCAGAGTTCRAACACGACCTGAC 8

RESULT 1167
US-10-198-069-32/c
; Sequence 32, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 42
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-32

Query Match      1.3%; Score 13; DB 1; Length 42;
Best Local Similarity 65.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY      717 CCAGCTCTGAGTGTGGAGTACGAG 745
DB      31 CCCAGCTGCTTGGAGGCTGAGACAGAG 3

RESULT 1168
```

US-10-198-069-31/C  
Sequence 31, Application US/10198069  
Publication No. US2003096756A1  
GENERAL INFORMATION:  
APPLICANT: AVERBACK, PAUL  
TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER  
TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF  
TITLE OF INVENTION: CELLS  
FILE REFERENCE: 59003.000009  
CURRENT APPLICATION NUMBER: US/10/198.069  
CURRENT FILING DATE: 2002-07-19  
PRIOR APPLICATION NUMBER: 60/306,161  
PRIOR FILING DATE: 2001-07-19  
PRIOR APPLICATION NUMBER: 60/306,150  
PRIOR FILING DATE: 2001-07-19  
PRIOR APPLICATION NUMBER: 60/331,477  
PRIOR FILING DATE: 2001-11-16  
NUMBER OF SEQ ID NOS: 48  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 31  
LENGTH: 57  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-198-069-31

Query Match 1.3%; Score 13; DB 1; Length 57;  
Best Local Similarity 65.5%; Pred. No. 8.7e+02;  
Matches 19; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 717 CCCAGCTCTGAGTACTGGAGCTACAG 745  
Db 49 CCCAGCTGCTGGAGGCTGAGACAGAG 21

RESULT 1169  
US-09-739-928-2  
Sequence 2, Application US/09739928  
Patent No. US20020052482A1  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Lukhtanov, Eugeny A.  
Gampier, Howard B.  
Meyer Jr., Rich B.  
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739.928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000  
ATTORNEY/AGENT INFORMATION:

NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-739-928-2

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGATTTT TTTT 178  
Db 1 TTTT TTTT TTTT TTTT 16

RESULT 1170  
US-09-829-855-36  
Sequence 36, Application US/09829855  
Patent No. US20020065609A1  
GENERAL INFORMATION:  
APPLICANT: Mathew, Ashby N.  
TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
FILE REFERENCE: ASHBY-1  
CURRENT APPLICATION NUMBER: US/09/829.855  
CURRENT FILING DATE: 2001-04-10  
PRIOR APPLICATION NUMBER: US 60/196063  
PRIOR FILING DATE: 2000-04-10  
PRIOR APPLICATION NUMBER: US 60/196258  
PRIOR FILING DATE: 2000-04-11  
NUMBER OF SEQ ID NOS: 244  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 36  
LENGTH: 16  
TYPE: DNA  
ORGANISM: unknown  
FEATURE:  
OTHER INFORMATION: unidentified soil organism  
US-09-829-855-36

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 333 CTGATGCGCCAGCT 348  
Db 1 CTGCTGCGCCAGCT 16

RESULT 1171  
US-09-829-855-111  
Sequence 111, Application US/09829855  
Patent No. US20020065609A1  
GENERAL INFORMATION:  
APPLICANT: Mathew, Ashby N.  
TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
FILE REFERENCE: ASHBY-1  
CURRENT APPLICATION NUMBER: US/09/829.855  
CURRENT FILING DATE: 2001-04-10  
PRIOR APPLICATION NUMBER: US 60/196063  
PRIOR FILING DATE: 2000-04-10  
PRIOR APPLICATION NUMBER: US 60/196258  
PRIOR FILING DATE: 2000-04-11  
NUMBER OF SEQ ID NOS: 244

SOFTWARE: PatentIn version 3.1  
SEQ ID NO 111  
LENGTH: 16  
TYPE: DNA  
ORGANISM: unknown  
FEATURE:  
OTHER INFORMATION: unidentified soil organism  
US-09-829-855-111

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 333 CTGATGTCCCAAGCT 348  
Db 1 CTGCTGTCCCAAGCT 16

RESULT 1172  
US-09-152-059-70  
Sequence 70, Application US/09152059  
Patent No. US2002068708A1  
GENERAL INFORMATION:  
APPLICANT: NIELSEN, JESPER  
APPLICANT: NIELSEN, POU  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165 (71994)  
CURRENT APPLICATION NUMBER: US/09/152,059  
CURRENT FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 70  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-152-059-70

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 163 TTTTGATTTTTTTT 178  
Db 1 TTTTTTTTTTTTTT 16

RESULT 1173  
US-09-895-585-9  
Sequence 9, Application US/09895585  
Publication No. US2002081725A1  
GENERAL INFORMATION:  
APPLICANT: Tsang, Wen-Gih  
APPLICANT: Zhang, Tianli  
APPLICANT: Huang, Chang Jiang  
APPLICANT: AmCytex, Inc.  
TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,

TITLE OF INVENTION: Intermediate Stage of Development  
FILE REFERENCE: 021164-000100US  
CURRENT APPLICATION NUMBER: US/09/895,585  
CURRENT FILING DATE: 2002-12-10  
PRIOR APPLICATION NUMBER: US 60/215,634  
PRIOR FILING DATE: 2000-06-30  
PRIOR APPLICATION NUMBER: US 60/246,306  
PRIOR FILING DATE: 2000-11-06  
PRIOR APPLICATION NUMBER: US 60/291,787  
PRIOR FILING DATE: 2001-05-17  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 9  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: oligo-(dT)-16  
US-09-895-585-9

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 163 TTTTGATTTTTTTT 178  
Db 1 TTTTTTTTTTTTTT 16

RESULT 1174  
US-09-805-296D-9  
Sequence 9, Application US/09805296D  
Patent No. US20020155989A1  
GENERAL INFORMATION:  
APPLICANT: Active Motif  
APPLICANT: Efimov, Vladimir  
APPLICANT: Fernandez, Joseph  
APPLICANT: Archdeacon, Dorothy  
APPLICANT: Archdeacon, John  
APPLICANT: Chakmakcheau, Oksana  
APPLICANT: Buryakova, Alla  
APPLICANT: Choob, Mikhail  
APPLICANT: Hondorp, Kyle  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF  
FILE REFERENCE: AM102.P.1US  
CURRENT APPLICATION NUMBER: US/09/805,296D  
CURRENT FILING DATE: 2001-03-13  
PRIOR APPLICATION NUMBER: US 60/189,190  
PRIOR FILING DATE: 2000-03-14  
PRIOR APPLICATION NUMBER: US 60/250,334  
PRIOR FILING DATE: 2000-11-30  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 9  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
NAME/KEY: misc feature  
OTHER INFORMATION: Synthetic Construct  
US-09-805-296D-9

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 163 TTTTGATTTTTTTT 178  
Db 1 TTTTTTTTTTTTTT 16

RESULT 1175

US-09-843-676-131/c  
; Sequence 131, Application US/09843676  
; Patent No. US20020164786A1  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lininger, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin  
; Andrews, William H.  
; TITLE OF INVENTION: No. US20020164786A1 Telomerase  
; NUMBER OF SEQUENCES: 225  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/843,676  
; FILING DATE: 26-Apr-2001  
; CLASSIFICATION: 536  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: US/08/854,050  
; FILING DATE: 09-MAY-1997  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-APR-1997  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Apple, Randolph T.  
; REGISTRATION NUMBER: 36,429  
; REFERENCE/DOCKET NUMBER: 015389-002930US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 131:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
US-09-843-676-131  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 163 TTTTGATTTTTTTT 178  
Db 16 TTTT TTTT TTTT TTTT 1

RESULT 1176  
US-09-766-253-131/c  
; Sequence 131, Application US/09766253  
; Publication No. US20020187471A1  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lininger, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.

Harley, Calvin  
; Andrews, William H.  
; TITLE OF INVENTION: No. US20020187471A1 Telomerase  
; NUMBER OF SEQUENCES: 171  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/766,253  
; FILING DATE: 19-Jan-2001  
; CLASSIFICATION: <Unknown>  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: 08/846,017  
; FILING DATE: 1997-04-25  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Apple, Randolph T.  
; REGISTRATION NUMBER: 36,429  
; REFERENCE/DOCKET NUMBER: 015389-002920US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 131:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
US-09-766-253-131  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 163 TTTTGATTTTTTTT 178  
Db 16 TTTT TTTT TTTT TTTT 1

RESULT 1177  
US-09-438-486-131/c  
; Sequence 131, Application US/09438486  
; Publication No. US2003009019A1  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lininger, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin  
; Andrews, William H.  
; TITLE OF INVENTION: No. US2003009019A1 Telomerase  
; NUMBER OF SEQUENCES: 223  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk



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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/438,486
FILING DATE: 12-NOV-1999
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002931US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-438-486-131
```

```
Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 163 TTTTGTATTTT 178
Db 16 TTTTGTATTTT 1
```

```
RESULT 1178
US-09-896-324B-54/C
Sequence 54, Application US/09896324B
Publication No. US20030148276A1
GENERAL INFORMATION:
APPLICANT: Li, Bi-Yu
TITLE OF INVENTION: METHOD FOR IDENTIFICATION, SEPARATION AND QUANTITATIVE MEASUREMENT
FILE REFERENCE: 45163-1008
CURRENT APPLICATION NUMBER: US/09/896,324B
CURRENT FILING DATE: 2002-11-04
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PatentIn version 3.1
SEQ ID NO 54
LENGTH: 16
TYPE: DNA
ORGANISM: CD18-Beau I-ca
US-09-896-324B-54
```

```
Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 480 GTGCAGTGTGTGATC 495
Db 16 GTGCAGTGTGTGATC 1
```

```
RESULT 1179
US-10-208-357-22/C
Sequence 22, Application US/10208357
Publication No. US20020182687A1
GENERAL INFORMATION:
APPLICANT: Kurtz, Markus
APPLICANT: Lohnse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 22
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-22
```

```
Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 163 TTTTGTATTTT 178
Db 16 TTTTGTATTTT 1
```

```
RESULT 1180
US-10-027-632-52613/C
Sequence 52613, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
POLYMORPHISMS IN THE HUMAN GENOME
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 52613
LENGTH: 16
TYPE: DNA
ORGANISM: Human
US-10-027-632-52613
```

```
Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 352 CTCCTGAGCTCAGCA 367  
 |||||  
 Db 16 CTCCTGGGCTCAGCA 1

RESULT 1181  
 US-10-027-632-52613/C  
 ; Sequence 52613, Application US/10027632  
 ; Publication No. US20030204075A9  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
 ; Polymorphisms in the Human Genome  
 ; FILE REFERENCE: 108827.129  
 ; CURRENT FILING DATE: 2002-04-30  
 ; PRIOR APPLICATION NUMBER: US 60/218,006  
 ; PRIOR FILING DATE: 2000-07-12  
 ; PRIOR APPLICATION NUMBER: US 60/198,676  
 ; PRIOR FILING DATE: 2000-04-20  
 ; PRIOR APPLICATION NUMBER: US 60/193,483  
 ; PRIOR FILING DATE: 2000-03-29  
 ; PRIOR APPLICATION NUMBER: US 60/185,218  
 ; PRIOR FILING DATE: 2000-02-24  
 ; PRIOR APPLICATION NUMBER: US 60/167,363  
 ; PRIOR FILING DATE: 1999-11-23  
 ; PRIOR APPLICATION NUMBER: US 60/156,358  
 ; PRIOR FILING DATE: 1999-09-28  
 ; PRIOR APPLICATION NUMBER: US 60/146,002  
 ; PRIOR FILING DATE: 1999-08-09  
 ; NUMBER OF SEQ ID NOS: 325720  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 52613  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Human  
 US-10-027-632-52613

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
 Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 352 CTCCTGAGCTCAGCA 367  
 |||||  
 Db 16 CTCCTGGGCTCAGCA 1

RESULT 1182  
 US-10-027-632-52611/C  
 ; Sequence 52611, Application US/10027632  
 ; Publication No. US20020198371A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
 ; Polymorphisms in the Human Genome  
 ; FILE REFERENCE: 108827.129  
 ; CURRENT FILING DATE: 2002-04-30  
 ; PRIOR APPLICATION NUMBER: US 60/218,006  
 ; PRIOR FILING DATE: 2000-07-12  
 ; PRIOR APPLICATION NUMBER: US 60/198,676  
 ; PRIOR FILING DATE: 2000-04-20  
 ; PRIOR APPLICATION NUMBER: US 60/193,483  
 ; PRIOR FILING DATE: 2000-03-29  
 ; PRIOR APPLICATION NUMBER: US 60/185,218  
 ; PRIOR FILING DATE: 2000-02-24  
 ; PRIOR APPLICATION NUMBER: US 60/167,363  
 ; PRIOR FILING DATE: 1999-11-23  
 ; PRIOR APPLICATION NUMBER: US 60/156,358  
 ; PRIOR FILING DATE: 1999-09-28  
 ; PRIOR APPLICATION NUMBER: US 60/146,002  
 ; PRIOR FILING DATE: 1999-08-09

NUMBER OF SEQ ID NOS: 325720  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 52631  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Human  
 US-10-027-632-52631

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
 Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 352 CTCCTGAGCTCAGCA 367  
 |||||  
 Db 16 CTCCTGGGCTCAGCA 1

RESULT 1183  
 US-10-027-632-52631/C  
 ; Sequence 52631, Application US/10027632  
 ; Publication No. US20030204075A9  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
 ; Polymorphisms in the Human Genome  
 ; FILE REFERENCE: 108827.129  
 ; CURRENT FILING DATE: 2002-04-30  
 ; PRIOR APPLICATION NUMBER: US 60/218,006  
 ; PRIOR FILING DATE: 2000-07-12  
 ; PRIOR APPLICATION NUMBER: US 60/198,676  
 ; PRIOR FILING DATE: 2000-04-20  
 ; PRIOR APPLICATION NUMBER: US 60/193,483  
 ; PRIOR FILING DATE: 2000-03-29  
 ; PRIOR APPLICATION NUMBER: US 60/185,218  
 ; PRIOR FILING DATE: 2000-02-24  
 ; PRIOR APPLICATION NUMBER: US 60/167,363  
 ; PRIOR FILING DATE: 1999-11-23  
 ; PRIOR APPLICATION NUMBER: US 60/156,358  
 ; PRIOR FILING DATE: 1999-09-28  
 ; PRIOR APPLICATION NUMBER: US 60/146,002  
 ; PRIOR FILING DATE: 1999-08-09  
 ; NUMBER OF SEQ ID NOS: 325720  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 52631  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Human  
 US-10-027-632-52631

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
 Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 352 CTCCTGAGCTCAGCA 367  
 |||||  
 Db 16 CTCCTGGGCTCAGCA 1

RESULT 1184  
 US-10-027-632-52649/C  
 ; Sequence 52649, Application US/10027632  
 ; Publication No. US20020198371A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
 ; Polymorphisms in the Human Genome  
 ; FILE REFERENCE: 108827.129  
 ; CURRENT FILING DATE: 2002-04-30  
 ; PRIOR APPLICATION NUMBER: US 60/218,006  
 ; PRIOR FILING DATE: 2000-07-12  
 ; PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: US 60/193,483  
PRIOR FILING DATE: 2000-03-29  
PRIOR APPLICATION NUMBER: US 60/185,218  
PRIOR FILING DATE: 2000-02-24  
PRIOR APPLICATION NUMBER: US 60/167,363  
PRIOR FILING DATE: 1999-11-23  
PRIOR APPLICATION NUMBER: US 60/156,358  
PRIOR FILING DATE: 1999-09-28  
PRIOR APPLICATION NUMBER: US 60/146,002  
PRIOR FILING DATE: 1999-08-09  
NUMBER OF SEQ ID NOS: 325720  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 52649  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Human  
US-10-027-632-52649

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 352 CTCCTGAGCTCAGCA 367  
Db 16 CTCCTGAGCTCAGCA 1

RESULT 1185  
US-10-027-632-52649/c  
Sequence 52649, Application US/10027632  
Publication No. US20030204075A9  
GENERAL INFORMATION:  
APPLICANT: Wang, David G.  
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
POLYMORPHISMS IN THE HUMAN GENOME  
FILE REFERENCE: 108827.129  
CURRENT APPLICATION NUMBER: US/10/027,632  
CURRENT FILING DATE: 2002-04-30  
PRIOR APPLICATION NUMBER: US 60/218,006  
PRIOR FILING DATE: 2000-07-12  
PRIOR APPLICATION NUMBER: US 60/198,676  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: US 60/193,483  
PRIOR FILING DATE: 2000-03-29  
PRIOR APPLICATION NUMBER: US 60/185,218  
PRIOR FILING DATE: 2000-02-24  
PRIOR APPLICATION NUMBER: US 60/167,363  
PRIOR FILING DATE: 1999-11-23  
PRIOR APPLICATION NUMBER: US 60/156,358  
PRIOR FILING DATE: 1999-09-28  
PRIOR APPLICATION NUMBER: US 60/146,002  
PRIOR FILING DATE: 1999-08-09  
NUMBER OF SEQ ID NOS: 325720  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 52649  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Human  
US-10-027-632-52649

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 352 CTCCTGAGCTCAGCA 367  
Db 16 CTCCTGAGCTCAGCA 1

RESULT 1186  
US-10-053-758-131/c  
Sequence 131, Application US/10053758

Publication No. US20030032075A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: NO. US20030032075A1 Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/053,758  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
FAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
US-10-053-758-131

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 163 TTTGTAATTTT 178  
Db 16 TTTT TTTT TTTT 1

RESULT 1187  
US-10-054-295-131/c  
Sequence 131, Application US/10054295  
Publication No. US20030044953A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.

```

Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: NO. US20030044953A1el Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/054,295
FILING DATE: 18-Jan-2002
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/854,050
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-10-054-295-131
Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0,
QY 163 TTTGTGATTTTTTTT 178
DB 16 TTTTTTTTTTTTTTTT 1
RESULT 1188
US-10-054-611-131/c
; Sequence 131, Application US/10054611
; Publication No. US20030059787A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Uoschlm
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. US20030059787A1el Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California

```

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: COUNTRY: United States of America
: ZIP: 94111
:
: COMPUTER READABLE FORM:
:
: MEDIUM TYPE: Floppy disk
:
: COMPUTER: IBM PC compatible
:
: OPERATING SYSTEM: PC-DOS/MS-DOS
:
: SOFTWARE: PatentIn Release #1.0, Version #1.30
:
: CURRENT APPLICATION DATA:
:   APPLICATION NUMBER: US/10/054,611
:   FILING DATE: 18-Jan-2002
:   CLASSIFICATION: 536
:
: PRIOR APPLICATION DATA:
:   APPLICATION NUMBER: 08/854,050
:   FILING DATE: <unknown>
:
: APPLICATION NUMBER: US 08/846,017
:
: FILING DATE: 25-APR-1997
:
: APPLICATION NUMBER: US 08/844,419
:
: FILING DATE: 18-APR-1997
:
: APPLICATION NUMBER: US 08/724,643
:
: FILING DATE: 01-OCT-1996
:
: ATTORNEY/AGENT INFORMATION:
:   NAME: Apple, Randolph T.
:   REGISTRATION NUMBER: 36,429
:   REFERENCE/DOCKET NUMBER: 015389-002930US
:
: TELECOMMUNICATION INFORMATION:
:   TELEPHONE: (415) 576-0200
:   TELEFAX: (415) 576-0300
:
: INFORMATION FOR SEQ ID NO: 131:
:
:   SEQUENCE CHARACTERISTICS:
:     LENGTH: 16 base pairs
:     TYPE: nucleic acid
:     STRANDEDNESS: single
:     TOPOLOGY: linear
:
:   SEQUENCE DESCRIPTION: SEQ ID NO: 131:
:   US-10-054-611-131
:
: Query Match      1.3%; Score 12.8; DB 1; Length 16;
:   Best Local Similarity      8.5%; Pred. No. 8.3e+02;
:   Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
:
: Cy      163 TTTGTATTTTTTTT 178
:         ||||| ||||| |||||
: Db      16 TTTTTTTTTTTTTTTT 1
:
: RESULT 1189
:   US-10-072-975-9
:   : Sequence 9, Application US/10072975
:   : Publication No. US20030059789A1
:   :
:   : GENERAL INFORMATION:
:   :   APPLICANT: Active Motif
:   :   APPLICANT: Efimov, Vladimir
:   :   APPLICANT: Fernandez, Joseph
:   :   APPLICANT: Archdeacon, Dorothy
:   :   APPLICANT: Archdeacon, John
:   :   APPLICANT: Chakmakhsheu, Oksana
:   :   APPLICANT: Buryakova, Alla
:   :   APPLICANT: Chooib, Mikhail
:   :   APPLICANT: Hondorp, Kyle
:   :   TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U
:   :
:   : FILE REFERENCE: AM102.P.1.1US
:   :
:   : CURRENT APPLICATION NUMBER: US/10/072,975
:   :
:   : CURRENT FILING DATE: 2002-02-09
:   :
:   : PRIOR APPLICATION NUMBER: US 60/189,190
:   :
:   : PRIOR FILING DATE: 2000-03-14
:   :
:   : PRIOR APPLICATION NUMBER: US 60/250,334
:   :
:   : PRIOR FILING DATE: 2000-11-30
:   :
:   : PRIOR APPLICATION NUMBER: 09/805,296
:   :
:   : PRIOR FILING DATE: 2001-03-13
:   :
:   : PRIOR APPLICATION NUMBER: PCT/US01/0811
:   :
:   : PRIOR FILING DATE: 2001-03-13
:   :
:   : NUMBER OF SEQ ID NOS: 36
:   :
:   : SOFTWARE: PatentIn version 3.1

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; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; OTHER INFORMATION: Synthetic Construct
US-10-072-975-9

Query Match
Best Local Similarity 1.3%; Score 12.8; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 163 TTTTGTATTTTATTTT 178
Db 1 TTTTGTATTTTATTTT 16

RESULT 1190
US-10-287-919-1350
; Sequence 1350, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1350
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (644443)..(644458)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 1675
US-10-287-919-1350

Query Match
Best Local Similarity 1.3%; Score 12.8; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 599 TATTTTATTTTATTTT 614
Db 1 TATTTTGTCTTTTATTT 16

RESULT 1191
US-10-287-919-2293
; Sequence 2293, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 2293
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1424659)..(1424675)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 2935
US-10-287-919-2293

Query Match
Best Local Similarity 1.3%; Score 12.8; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```

Qy 599 TATTTTATTTTATTTT 614
Db 1 TATTTTGTCTTTTATTT 16

RESULT 1192
US-10-227-001-21
; Sequence 21, Application US/10227001
; Publication No. US20030113765A1
; GENERAL INFORMATION:
; APPLICANT: Demcoy, Robert O.
; APPLICANT: Afonina, Irina Alekandrovna
; APPLICANT: Vermeulen, Nicolaas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: Hybridization-Tripped Fluorescent
; FILE REFERENCE: 17682A-004210US
; CURRENT FILING DATE: 2002-08-21
; PRIOR FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 21
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: R2 (ODN) of fluorophore-MGB-ODN
; OTHER INFORMATION: conjugate
US-10-227-001-21

Query Match
Best Local Similarity 1.3%; Score 12.8; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 163 TTTTGTATTTTATTTT 178
Db 1 TTTTGTATTTTATTTT 16

RESULT 1193
US-10-011-993-29/c
; Sequence 29, Application US/10011993
; Publication No. US20030119004A1
; GENERAL INFORMATION:
; APPLICANT: MENZ, H. MICHAEL
; APPLICANT: SCHROTH, GARY P.
; APPLICANT: CHEN, CAIFU
; TITLE OF INVENTION: METHODS FOR QUANTITATING NUCLEIC ACIDS USING COUPLED
; FILE REFERENCE: 07414.0030-00000
; CURRENT FILING DATE: 2001-12-05
; PRIOR FILING DATE: 2001-05-30
; PRIOR FILING DATE: 2001-05-30
; PRIOR FILING DATE: 2000-11-28
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-011-993-29

Query Match
Best Local Similarity 1.3%; Score 12.8; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 991 CTCCTGGGCTCAAGCG 1006

Db 16 CTCGACAGGCTCAAGCG 1

RESULT 1194

US-10-008-029-70

Sequence 70, Application US/10008029

Publication No. US20030134808A1

GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

APPLICANT: NIELSEN, POU

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165-C2(71994)

CURRENT APPLICATION NUMBER: US/10/008,029

CURRENT FILING DATE: 2001-11-05

PRIOR APPLICATION NUMBER: 09/152,059

PRIOR FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

PRIOR FILING DATE: 1998-03-03

PRIOR APPLICATION NUMBER: 60/083,507

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/088,309

PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/094,355

PRIOR FILING DATE: 1998-07-28

NUMBER OF SEQ ID NOS: 146

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 70

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-10-008-029-70

Query Match 1.3%; Score 12.8; DB 1; Length 16;

Best Local Similarity 87.5%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGATTTTTTTT 178

Db 1 TTTTGTGTGTGTGT 16

RESULT 1195

US-10-051-436-9

Sequence 9, Application US/10051436

Publication No. US20030138045A1

GENERAL INFORMATION:

APPLICANT: Active Motif

APPLICANT: Efimov, Vladimir

APPLICANT: Fernandez, Joseph

APPLICANT: Archdeacon, Dorothy

APPLICANT: Chakmakchev, Oksana

APPLICANT: Buruyakova, Alla

APPLICANT: Choob, Mikhail

APPLICANT: Hondorp, Kyle

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE

FILE REFERENCE: AM102.P.1US

CURRENT APPLICATION NUMBER: US/10/051,436

CURRENT FILING DATE: 2002-01-18

PRIOR APPLICATION NUMBER: US 60/189,190

PRIOR FILING DATE: 2000-03-14

PRIOR APPLICATION NUMBER: US 60/250,334

PRIOR FILING DATE: 2000-11-30

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn version 3.1

SEQ ID NO 9

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: misc.feature

OTHER INFORMATION: Synthetic Construct

US-10-051-436-9

Query Match 1.3%; Score 12.8; DB 1; Length 16;

Best Local Similarity 87.5%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGATTTTTTTT 178

Db 1 TTTTGTGTGTGTGT 16

RESULT 1196

US-10-208-650-70

Sequence 70, Application US/10208650

Publication No. US20030144231A1

GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

APPLICANT: NIELSEN, POU

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165-C2(71994)

CURRENT APPLICATION NUMBER: US/10/208,650

CURRENT FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US/10/008,029

PRIOR FILING DATE: 2001-11-05

PRIOR APPLICATION NUMBER: 09/152,059

PRIOR FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

PRIOR FILING DATE: 1998-03-03

PRIOR APPLICATION NUMBER: 60/083,507

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/088,309

PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/094,355

PRIOR FILING DATE: 1998-07-28

NUMBER OF SEQ ID NOS: 146

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 70

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-10-208-650-70

Query Match 1.3%; Score 12.8; DB 1; Length 16;

Best Local Similarity 87.5%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGATTTTTTTT 178

Db 1 TTTTGTGTGTGTGT 16

RESULT 1197

US-10-203-780-9  
; Sequence 9, Application US/10203780  
; Publication No. US20030165914A1  
; GENERAL INFORMATION:  
; APPLICANT: CUZIN, MARC  
; APPLICANT: PELTIE, PHILIPPE  
; APPLICANT: FONTECAVE, MARC  
; APPLICANT: DECOUT, JEAN-LUC  
; APPLICANT: DUEYRES, CECILE  
; TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING A BIOCHIP COMPRISING A FLUOR  
; FILE REFERENCE: 226286USOXPCT  
; CURRENT APPLICATION NUMBER: US/10/203,780  
; PRIOR FILING DATE: 2002-11-25  
; PRIOR APPLICATION NUMBER: PCT/FR01/00516  
; PRIOR FILING DATE: 2001-02-22  
; PRIOR APPLICATION NUMBER: FR 00 02236  
; PRIOR FILING DATE: 2000-02-23  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 9  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
; NAME/KEY: modified base  
; LOCATION: (1)...(1)  
; OTHER INFORMATION: t is modified with a covalent linkage to flavin  
US-10-203-780-9

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 163 TTTGTATTTT 178  
Db 1 TTTT TTTT TTTT 16

RESULT 1198  
US-10-236-363A-40/C  
; Sequence 40, Application US/10236363A  
; Publication No. US20030165923A1  
; GENERAL INFORMATION:  
; APPLICANT: LI, BI-YU  
; APPLICANT: WANG, XUN  
; APPLICANT: SHI, LIANG  
; TITLE OF INVENTION: METHOD FOR IDENTIFICATION OF GENETIC MARKERS  
; FILE REFERENCE: TM0011-CIP  
; CURRENT APPLICATION NUMBER: US/10/236,363A  
; CURRENT FILING DATE: 2002-11-19  
; PRIOR APPLICATION NUMBER: US 09/896,324  
; PRIOR FILING DATE: 2001-06-29  
; PRIOR APPLICATION NUMBER: US 60/215,596  
; PRIOR FILING DATE: 2000-06-30  
; NUMBER OF SEQ ID NOS: 139  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 40  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: adapter oligonucleotide  
US-10-236-363A-40

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 480 GTGCGTGTGTGATC 495  
|||||

Db 16 GTGCGTGTGTGATC 1  
RESULT 1199  
US-10-091-281-124/C  
; Sequence 124, Application US/10091281  
; Publication No. US20030190617A1  
; GENERAL INFORMATION:  
; APPLICANT: RAYMOND, VINCENT  
; APPLICANT: SI, ERMIN  
; APPLICANT: MORISSETTE, JEAN  
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
; FILE REFERENCE: 13587.338  
; CURRENT APPLICATION NUMBER: US/10/091,281  
; CURRENT FILING DATE: 2002-03-06  
; NUMBER OF SEQ ID NOS: 463  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 124  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Putative AHRH/AHRANT.01 motif  
US-10-091-281-124

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 569 AGCATGCACCACTAC 584  
Db 16 AGGCACGCACCACTAC 1

RESULT 1200  
US-10-092-885-49/C  
; Sequence 49, Application US/10092885  
; Publication No. US20030190618A1  
; GENERAL INFORMATION:  
; APPLICANT: SAMAL, BABRU  
; APPLICANT: LI, YUAN  
; APPLICANT: HERMIDA, LEANDRO C.  
; APPLICANT: HOPPA, NANCY L.  
; APPLICANT: JOHE, KARU K.  
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG  
; FILE REFERENCE: 0109015/026  
; CURRENT APPLICATION NUMBER: US/10/092,885  
; CURRENT FILING DATE: 2002-03-06  
; NUMBER OF SEQ ID NOS: 60  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 49  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-092-885-49

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 209 GGCTGTCTCGAATC 224  
Db 16 GGATGTCTCGATCTC 1

RESULT 1201  
US-10-092-885-54/C  
; Sequence 54, Application US/10092885  
; Publication No. US20030190618A1  
; GENERAL INFORMATION:  
; APPLICANT: SAMAL, BABRU  
; APPLICANT: LI, YUAN

```

; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 54
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-54

```

```

Query Match      1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

QY      192 TTTCCTCAGTGTGCTC 207
Db      16 TTTCGCCATGTGGCC 1

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RESULT 1202
US-10-092-885-58/c
; Sequence 58, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 58
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-58

```

```

Query Match      1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      659 GTGGCGCATCTTGGC 674
Db      16 GTGGCGCATCTCGGC 1

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RESULT 1203
US-10-309-775A-71
; Sequence 71, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 71
; LENGTH: 16

```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-71

```

```

Query Match      1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      427 TTTTATTTTATTTT 442
Db      1 TTTTCATTTTGTTTT 16

```

```

RESULT 1204
US-10-360-275-9
; Sequence 9, Application US/10360275
; Publication No. US20040014644A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Choob, Mikhail
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES AND METHODS OF USE FOR MODULATING GENE
; FILE REFERENCE: AM102.P.1.1.IUS
; CURRENT APPLICATION NUMBER: US/10/360,275
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 10/072,975
; PRIOR FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 09/805,296
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; OTHER INFORMATION: Synthetic Construct
US-10-360-275-9

```

```

Query Match      1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      163 TTTTGATTTT 178
Db      1 TTTTATTTT 16

```

```

RESULT 1205
US-10-138-674-5767
; Sequence 5767, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674

```



;; CURRENT FILING DATE: 2002-05-03  
;; NUMBER OF SEQ ID NOS: 20822  
;; SOFTWARE: Patentin version 3.0  
;; SEQ ID NO 5767  
;; LENGTH: 16  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-10-138-674-5767

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 68.8%; Pred. No. 8.3e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 330 TCACGATGTCGCCAA 345  
Db 1 UCACAGAUUGCCAA 16

RESULT 1206  
US-10-138-674-6096  
;; Sequence 6096, Application US/10138674  
;; Publication No. US20040077565A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
;; APPLICANT: McSwiggen, Jim  
;; APPLICANT: Stinchcomb, Dan  
;; APPLICANT: Escobedo, Jaime  
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
;; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
;; FILE REFERENCE: MHB00-876-N (400/049)  
;; CURRENT APPLICATION NUMBER: US/10/138, 674  
;; CURRENT FILING DATE: 2002-05-03  
;; NUMBER OF SEQ ID NOS: 20822  
;; SOFTWARE: Patentin version 3.0  
;; SEQ ID NO 6096  
;; LENGTH: 16  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-10-138-674-6096

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 18.8%; Pred. No. 8.3e+02;  
Matches 3; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

OY 903 TTATATTTTGTGT 918  
Db 1 UUCACUUUUUUUUU 16

RESULT 1207  
US-10-287-949A-5767  
;; Sequence 5767, Application US/10287949A  
;; Publication No. US20040102389A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
;; APPLICANT: Pavco, Pam  
;; APPLICANT: McSwiggen, Jim  
;; APPLICANT: Stinchcomb, Dan  
;; APPLICANT: Escobedo, Jaime  
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
;; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
;; FILE REFERENCE: MHB00-876-N (400/049)  
;; CURRENT APPLICATION NUMBER: US/10/287, 949A  
;; CURRENT FILING DATE: 2003-04-11  
;; NUMBER OF SEQ ID NOS: 20822  
;; SOFTWARE: Patentin version 3.0  
;; SEQ ID NO 5767  
;; LENGTH: 16  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-10-287-949A-5767

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 68.8%; Pred. No. 8.3e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 330 TCACGATGTCGCCAA 345  
Db 1 UCACAGAUUGCCAA 16

RESULT 1208  
US-10-287-949A-6096  
;; Sequence 6096, Application US/10287949A  
;; Publication No. US20040102389A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
;; APPLICANT: McSwiggen, Jim  
;; APPLICANT: Stinchcomb, Dan  
;; APPLICANT: Escobedo, Jaime  
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
;; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
;; FILE REFERENCE: MHB00-876-N (400/049)  
;; CURRENT APPLICATION NUMBER: US/10/287, 949A  
;; CURRENT FILING DATE: 2003-04-11  
;; NUMBER OF SEQ ID NOS: 20822  
;; SOFTWARE: Patentin version 3.0  
;; SEQ ID NO 6096  
;; LENGTH: 16  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-10-287-949A-6096

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 18.8%; Pred. No. 8.3e+02;  
Matches 3; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

OY 903 TTATATTTTGTGT 918  
Db 1 UUCACUUUUUUUUU 16

RESULT 1209  
US-10-607-077A-36  
;; Sequence 36, Application US/10607077A  
;; Publication No. US20040110183A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ashby, Matthew  
;; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
;; FILE REFERENCE: ASHBY/1 DIV  
;; CURRENT APPLICATION NUMBER: US/10/607, 077A  
;; CURRENT FILING DATE: 2003-06-25  
;; PRIOR APPLICATION NUMBER: US 09/829855  
;; PRIOR FILING DATE: 2001-04-10  
;; PRIOR APPLICATION NUMBER: PCT/US01/11609  
;; PRIOR FILING DATE: 2001-04-10  
;; PRIOR APPLICATION NUMBER: US 60/196063  
;; PRIOR FILING DATE: 2000-04-10  
;; PRIOR APPLICATION NUMBER: US 60/196258  
;; PRIOR FILING DATE: 2000-04-11  
;; NUMBER OF SEQ ID NOS: 244  
;; SOFTWARE: Patentin version 3.1  
;; SEQ ID NO 36  
;; LENGTH: 16  
;; TYPE: DNA  
;; ORGANISM: Unknown  
;; FEATURE:  
;; OTHER INFORMATION: ribosomal DNA sequence tag isolated from  
;; OTHER INFORMATION: microbes in soil sample collected  
;; OTHER INFORMATION: in Wyoming, USA  
US-10-607-077A-36

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 8.3e+02;

